Digitized by the Internet Archive
in 2024

https://archive.org/details/virology-and-aids-abstracts_1979_12_index

Virology Abstracts

QR
360
V513
1980
N/C
SCIENCE
NON-CIRC

Annual Indexes to Volume 12 1979

Sci

U.I.C.C.
JUN 16 1980
LIBRARY

042-6830

an Information Retrieval publication

Virology Abstracts

Annual Indexes to Volume 12 1979

Editor Wendy J. Palmer
Assistant editor Janice Hicks

Author Index pages 1-64
Subject Index pages 65-335

ISSN 0042-6830

Compiled by Information Retrieval Limited

Subscriptions

An annual subscription to Virology Abstracts includes twelve monthly issues, each containing an Author and Subject Index, and a separate Annual Author and Subject Index sent without further charge to subscribers after completion of the volume. Subscriptions are entered on a calendar year basis only.

Annual subscription rates 1980

USA, Canada, Central and South America (including air delivery) US$290.00

Rest of the world

Surface mail

UK and India	£100.00
Elsewhere	£110.00
Airmail extra	£20.00

Personal rate subscriptions

Half-price subscriptions are available to research scientists whose institutions already subscribe at full rate. Details on application from the publisher.

Orders from or on behalf of subscribers in the various geographical areas shown below should be routed to the appropriate IRL office or sole agent with payments made in the currencies marked:

Western hemisphere

(Canada, USA, Central and South America — payment in US dollars)
Information Retrieval Inc.
1911 Jefferson Davis Highway
Arlington Va. 22202 USA

Japan

(payment in yen)
US Asiatic Company Limited
Tsutsumi Building
13-12 Shimbashi 1-chome
Minato-ku Tokyo 105 Japan

日本における予約購読価格はIRLカタログのポンド表示とは関係なく、円建となっており、航空貨物便 (air cargo) 料金を含んでおりますのでご了承下さい。
尚、ご注文は、最寄りの洋書取扱店にお申し込み下さい。

Rest of the world

(payment in sterling)
Information Retrieval Limited
1 Falconberg Court
London W1V 5FG UK

© 1980 Information Retrieval Limited
All rights reserved by the publisher. No part of this publication may be reproduced or transmitted in any form by any means, electronic or mechanical, including photocopying, recording or any information storage and retrieval system, without permission in writing from the publisher.

Virology Abstracts (ISSN 0042-6830) is published monthly with an annual index for US$290.00 per year by Information Retrieval Limited, London, England.
Second class postage paid at Jamaica, NY 11431.
Postmaster: Send address changes to Virology Abstracts, Publications Expediting Inc., 200 Meacham Avenue, Elmont, LI, NY 11003.

Airfreight and mailing in the USA by Publications Expediting Inc., 200 Meacham Avenue, Elmont, LI, NY 11003.

Printed by
Information Printing Ltd, Oxford, England.

Preface

These indexes are cumulations of the monthly indexes from the 1979 volume of Virology Abstracts.

The **Subject Index** is compiled in the following way. For each document the indexer selects indexing terms from fixed lists of keywords which are continually updated. From these selected terms word chains are constructed, the word order being determined by the indexer. It is these word chains which make up the **Subject Index** entries.

The index terms used to create the **Subject Indexes** plus additional terms selected by the indexer to further describe and define the document are also present as a search tool in the IRL database.

The following conventions apply to all terms used in the **Subject Index**:

(1) Latin binomials are used for all taxonomic terms except domestic animals, livestock and pets.

(2) Enzyme names follow the 1972 recommendations of the IUPAC and IUB.

IRL publications

Abstracts journals
Animal Behaviour Abstracts
Aquatic Sciences & Fisheries Abstracts:
Part 1 - Biological sciences and living resources
Part 2 - Ocean technology, policy and non-living resources
Biochemistry Abstracts:
Part 1 - Biological Membranes
Part 2 - Nucleic Acids
Part 3 - Amino-acids, Peptides & Proteins
Calcified Tissue Abstracts
Chemoreception Abstracts
Ecology Abstracts
Entomology Abstracts
Genetics Abstracts
Immunology Abstracts
Microbiology Abstracts:
Industrial & applied microbiology
Bacteriology
Algology, mycology & protozoology
Toxicology Abstracts
Virology Abstracts

A list of source periodicals used in the preparation of these abstracting services is available free of charge on request.

Periodicals
Carcinogenesis
Chemical Senses
Nucleic Acids Research
Journal of Plankton Research

Books
Symposium proceedings
Structure-Activity Relationships in Chemoreception
Preference Behaviour and Chemoreception
Third Symposium on the Chemistry of Nucleic Acids Components
Fourth Symposium on the Chemistry of Nucleic Acids Components
Fourth Symposium on Nucleic Acids Chemistry
Fifth Symposium on Nucleic Acids Chemistry
Sixth Symposium on Nucleic Acids Chemistry
Seventh Symposium on Nucleic Acids Chemistry
Biological Separations in Iodinated Density-Gradient Media
Centrifugation: A Practical Approach
Gel Electrophoresis: A Practical Approach
Immunologic Aspects of Dental Caries
Microbial Aspects of Dental Caries
Phosphorylated Proteins and Related Enzymes
Olfaction & Taste VI
Olfaction & Taste VII
Methods of Caries Prediction
Sweeteners and Dental Caries
Mechanisms of Localised Bone Loss
Saliva & Dental Caries
Dental Plaque and Surface Interactions in the Oral Cavity
Bibliographies
A Collection of Published tRNA 5S and 5.8S rRNA Sequences
Obesity 1964-1973
Obesity 1974-1979
Bibliography on Mycoplasma
Time - A Bibliography
Rapid Methods & Automation in Microbiology & Immunology - A Bibliography

Tapes
Since January 1978 this journal together with al other abstracts journals published by IRL has been processed by computer using the ASSASSIN system developed by the Imperial Chemical Industries Agricultural Division. Searchable tapes are therefore available of the entire data base accumulated since January 197 or of subsets consisting of the medical group of IRL abstracting services or of individual journals. Please ask for full details at your nearest IRL office.

Back volumes/microfilm editions
Back volumes are available for all IRL journals more than one year old. It is the policy of IRL however to allow to go out of print (OP) volumes more than five years old. While stocks remain prices for printed back volumes are quoted by the Publisher. All volumes declared OP are maintained on microfilm masters from which duplicates are obtainable.

Author Index

Aach,R.D. 2612, 4923.
Aaronson,S.A. 151, 2508, 2964, 3686, 5128, 5813, 5818, 6915, 7221.
Aaskov,J.G. 4217.
Abadie,M.G. 3219.
Abar,B. 5257.
Abbott,L.G. 1809.
Abboud,M.M. 4106.
Abdel Rahim,A.H. 7437.
Abdel Wahab,K.S.E. 4037.
Abdelmoeti,M. 828.
Abdullahi Elmi,S. 7374.
Abdullahi,S.U. 7414.
Abe,K. 889.
Abe,M. 1451.
Abe,Y. 1270, 1276, 1277.
Abee, C.R. 530.
Abegunde,A. 7417.
Abelson,J. 636.
Abelson,M.B. 5287.
Aber,V.R. 836.
Abilev,S.K. 5759.
Ablashi,D. 8034.
Ablashi,D.V. 1816, 3075.
Aboud,M. 4741, 4965.
Abouhaidar,M. 800, 801, 4854.
Abourakaba,A.G. 2832.
Abraham, A.A. 367.
Abraham,A. 1235.
Abraham,A.A. 1856, 5969.
Abraham,A.K. 6365.
Abraham,G. 7765.
Abramczuk,J. 4738.
Abramova,M.A. 3504.
Abrass, C. 235.
Abreu,S.L. 7108.
Abt,D.A. 5120, 5124.
Abu-El Zein,E.M.E. 4215.
Abu Sin,A.Y. 5165.
Abuhab,T.G. 7089.
Accinni,L. 5342.
Acheson,N.H. 616, 2180.
Achilli,G. 2267, 4306, 6411.
Achkar,F. 8222.
Achtzehn,W. 3879.
Ackermann,R. 8240.
Ackermann,H. W. 5474, 659.
Ackermann,M. 6709.
Ackermann,O. 7951.
Ackermann,R. 5257.
Ackley,C.M. 1393.
Ackthun, I. 365.
Acosta,J.M. 5490.
Acres,S.D. 2705, 3511.
Acton,R.T. 1394.
Ada,G.L. 3573, 5630, 7164.
Adachi, H. 194.
Adachi,A. 2019.
Adachi,M. 1110, 3788.
Adair,B.M. 6865, 7526.
Adam,C. 1338, 3791, 3951, 8298.
Adam,E. 1053, 1811, 6022, 7403.
Adam,G. 3360, 4047, 5788.
Adam,K.-H. 1387.
Adam,W. 2554.
Adamczyk,G. 6691.
Adamkiewicz,J. 2887.
Adams,A. 3396, 7587.
Adams,A.N. 2281, 8442.
Adams,G. 624.
Adams,J.M. 3275.
Adams,J.R. 76, 4731, 8419.
Adams,L. 3037.
Adams,M.L. 7789.
Adams,P.W. 7998.
Adams,R.J. 1716, 1951.
Adams,S.L. 1017.
Adams,W.V., Jr. 6071.
Adarchenko,A.A. 7835.
Adcock,E.W. 7170.
Addis,G.J. 3592.
Addy,P.A.K. 2614, 5279, 6700.
Ade,N. 1764.
Adegbola,M.O.K. 2040, 2061.
Adelso Maldonado,H. 2412.
Adelusi,B. 6673.
Aden,D.P. 7209.
Aderca,I. 5480.
Adhemar,J.P. 909.
Adhya,S. 5523, 5584.
Adlakha,K. 1186.
Adler,I.-D. 8095.
Adler,S. 1377.
Adlerz, W.C. 562.
Adlerz,W.C. 3361.
Adolf,K.W. 5478.
Adomako,D. 2030.
Aebi,U. 2912.
Aeckerlein,W. 7430.
Affabris,E. 5138.
Afroudakis,A. 3728.
Aft,R. 2493.
Afzal,H. 7416.
Agache,P. 2511.
Agache,P.G. 1049.
Agafonov,B.V. 1869, 3162.
Agafonova,L.V. 4953.
Agarwal, S.C. 364.
Agarwal,S. 1908, 7260.
Ageenko,A.I. 3667, 4615, 5771.
Ageron,M.-H. 2568.
Aggero,S. 3531.
Agibalova,L.V. 4348.
Agnarsdottir,G. 6018.
Agol,V.I. 2891, 3995, 4122, 4800.
Agostini,C.F.M. 3382.
Agranovskaya,E.N. 4322, 5051.
Agranovsky,A.A. 2131, 6224.
Agrba,V.Z. 7534.
Agrios,G.N. 2051.
Agudelo,F. 3910.
Aguiero,V.M. 3933.
Aguilar-Setien,A. 3855, 1700, 1996, 1998, 6870, 7975, 8344.
Aguilar-Torres,F.G. 6626.
Aguilera Llovet,M.A. 2592.
Agutter,P.S. 6575.
Ahiabor,T. 2614.
Ahiabor,T.M. 6700.
Ahl,R. 2716.
Ahlin,T.D. 5870.
Ahmed,A. 3071, 3698.
Ahmed,K. 1966.
Ahmed,M. 3119.
Ahmed,R. 5573.
Ahmed,S.U. 2915.
Aho,K. 8306.
Ahourai,P. 913.
Ahuja,K.L. 6755.
Ahuja,M.R. 5367, 6123.
Aiba,S. 6189.
Aicardi,J. 7310.
Aiello,L. 4789.
Aikawa,S. 6287.
Air,G.M. 1361, 1362, 5629, 7601.
Aitken,T.H.G. 5979.
Aiuti,F. 3622, 5746.
Aizawa,K. 4610.
Aizen,M.S. 3260.
Aizenberg,B. 5104.
Akahane,Y. 5632.
Akashi,H. 1257, 1970, 4247.
Akashi,M. 4940.
Akbar Ali, M. 454.
Akbarova,N.A. 5747.
Akers,T.G. 3296.
Akesson,B. 6300.
Akiba,S. 1568.
Akihara,M. 8227.
Akiyama,Y. 6341.
Akkermans,J.P.W.M. 6062.
Aksenova,N.N. 7969.
Aksenova,T.A. 571, 3587.
Akunts,K.B. 5880.
Akunts,N.S. 5880.
Akusjarvi,G. 1370, 3395, 5529.
Al Ani,R. 4026, 4044.
Al-Bagdadi,F. 6771.
Al Musavi,R.A. 5508.
Al-Nafeesi,R.S. 6731.
Al-Nakib, W. 227.
Al Nakib,W. 1902, 2260.
Al-Yusuf,A.R. 6731.
Alacam,R. 1610.
Alain,R. 5474.
Alarcon-Segovia,D. 6038.
Alario,C. 7374.
Albanese,E.A. 8148.
Albanese,R. 6701.
Albert,D.M. 6034, 6586, 8394.
Alberti,A. 1726, 4330, 6541, 8255.
Alberts,B. 7680.
Alberts,B.M. 1, 107, 7681.
Albino,A. 4702.
Alblas,F. 1514.
Albrecht,A. 5119.
Albrecht,H. 2716.
Albrecht,P. 1950, 2952, 3634, 4323, 7071.
Albrycht,H. 4212.
Albuquerque,T. 3142.
Alcalde,C. 1068.
Aldasy,P. 3309.
Alders,M.A. 4677.
Aldershvile,J. 4332.
Aleinik,M.D. 2995.
Alekberova,Z.S. 1832.
Aleksandrov,I.I. 91.
Aleksandrova, A.T. 3587.
Aleksandrova,G.I. 178, 179.
Aleksandrova,I.K. 4711.
Aleksandrovskaya,R.A. 3846.
Aleksandrushkina,N.I. 835.
Alekseeva,A.A. 3089, 5263.
Alekseeva,A.K. 925, 6493.
Alekseeva,I.L. 5273.
Alekseyeva,V.B. 5920.
Alenius, S. 527.
Alenius,S. 3885.
Aleshkin,G.I. 846.
Alexander,D.J. 4723, 1259, 1266, 2712, 3877, 3948, 5309, 5631, 8010.
Alexander,J.J. 3641.
Alexander,K.C. 3935.
Alexander,R.W. 5801.
Alexander,S.K. 7198.
Alexander,T.S. 7178.
Alexandrushkina,N.I. 6900.
Alford,C.A. 377, 2559, 3645, 4335.
Alford,J.P. 6041.
Alford,T.C. 967.
Alfrey,A.C. 2671.
Ali Khan,S.T. 6819.
Ali,I.U. 2483.
Aliberti,F. 5764.
Aliperti,G. 2193, 7740.
Alix, D. 378.
Alix,D. 1081, 1091, 5181.
Allan,G.M. 2688.
Allan,E.M. 1209, 1963, 5312.
Allan,F. 8405.
Allan,G.M. 512, 1520, 1724.
Allan,I. 6693.
Allan,W.H. 1266, 5631.
Allandeen,H.S. 144.
Allaudeen,H.S. 1491.
Allchin,A. 2401.
Allebach,E.S. 6267.
Allelov,M. 6672.
Allemeersch,D. 4983.
Allen, A.M. 543.
Allen,B.W. 836.
Allen,C. 3173.
Allen,D.J. 6125.
Allen,G.E. 6146.
Allen,G.P. 689, 4016, 4117, 6166, 6286.
Allen,I.V. 1947.
Allen,L.B. 994, 997, 2456, 3651.
Allen,L.H. 7038.
Allen,P.T. 1029.
Allen,R.N. 2048, 6198, 7483.
Allen,T.C. 2026.
Allen,W.P. 2728.
Allerdist, H. 439.
Allerdist,H. 3599.
Allet,B. 2107, 3389.
Allison,F.,Jr. 4596.
Allison,A.C. 7974.
Allison,D.P. 4365, 4651.
Almagro,E.F. 3187.
Almeida, J. 73.
Almeida,J.D. 3948, 6260, 7067.
Almond,J.W. 4189, 4190.
Aloisio,V. 5948.
Aloni,Y. 634, 2878, 4099, 4778, 4780, 6976.
Alonso,M. 8114.
Alpatova,G.A. 1330, 4049.
Alper,M. 1409.

Alper,T. 1432.
Alpert,E. 2595.
Alpren,T.V.P. 1936.
Alquier,P. 1101.
Alspaugh,M.A. 7065, 7299.
Alt,F.W. 4775.
Altavilla,G. 1746.
Alter, H.J. 543.
Alter,H.J. 2649, 7196.
Alter,M. 6030.
Althage,A. 2438, 3630, 4300, 6505.
Altmann,H. 4411.
Altshuler,F.P. 6610.
Altshuler,G. 7064.
Altshuler,G.P. 8178.
Altstein,A.D. 2963, 5610, 5627.
Alvarez Blanco,J. 5868.
Alvariz,F.G. 1066.
Alvermann,B. 2154.
Alvira,M. 1088.
Alzaka,A. 3787.
Amaki,I. 6964.
Amane 6700.
Amane,C. 2614.
Amangusheva,I.N. 7361.
Amann,E. 87, 6971.
Amano,H. 1705, 7727.
Amano,Y. 1423, 1602, 4727.
Amborski,R.L. 5428.
Ambrogio,G. 6701.
Ambros. V. 56.
Ambros,V. 2123.
Ambrosch,F. 1707.
Ambrus,M. 2607.
Amchenkova,A.M. 593, 1622, 3962.
Amefia,Y.K. 3342.
Amer,J. 1100.
Ames,P. 7142.
Amici,A. 5383, 5487.
Amin,K.S. 7471.
Amin,M. 5514.
Amla,D.V. 6376.
Amorski,G.F. 5428.
Amos,D.B. 3621.
Amren,D.P. 1661.
Amshel,A.L. 1806.
Amstey,M.A. 3176.
Amyx, H.L. 257.
An,G. 7046.
An,S.H. 1211.
Anakotta,J. 4921.
Anan'ev,V.A. 4951, 5751.
Anane,O. 584.
Ananev,V.A. 3604.
Anania,S. 6719.
Ananiev,V.A. 1597, 5617, 5945.
Ananko,J. 2590.
Ananthaswamy,H.N. 6903.
Anderegg,J.W. 1421.
Anderer,F.A. 2465.
Anderlik,P. 1717, 6773.
Anders,A. 3127.
Andersen,A.A. 8403.
Andersen,H. 8154.
Andersen,H.K. 5716, 5718, 6718.
Andersen,P. 5718.
Andersen,P.R. 7254.
Andersen,S.R. 3291.
Andersen,T.H. 858.
Anderson,A.J. 1434, 4735.
Anderson,D.C. 1178.
Anderson,D.M. 817.
Anderson,E.S. 834.
Anderson,G.R. 4295.
Anderson,I.M.E. 355.
Anderson,K.M. 5837.
Anderson,K.P. 6330, 7716.
Anderson,L.J. 6689.
Anderson,R.M. 7340.
Anderson,S. 120.
Anderson,S.G. 6497.
Andersson-Anvret,M. 580, 581, 2517, 5164, 8155.
Andersson,P. 3700.
Andersson,T. 1678.
Andiman,W.A. 5040.
Ando,A. 8392.
Ando,T. 4902, 4903, 7566.
Andoh,T. 3659.
Andonov,A. 4947.
Andonov,A.P. 985.
Andonov,P. 8168.
Andrade,C.de M. 2628.
Andral,L. 2270, 6760, 8003.
Andre,F.E. 5680.
Andre,M. 2299.
Andreani,A. 3104.
Andreev,A.P. 8297.
Andreev,Yu.L. 6927.
Andreeva,V.A. 3922, 5376.
Andrejev,V.P. 4953.
Andres,G. 5342.
Andreuzzi,A. 8337.
Andrew,L.P. 2580.
Andrew,M.E. 5723.
Andrews,E.J. 2482.
Andrews,R.W. 6798.
Andries,K. 2010, 2724.
Andrieu,P. 8218.
Andriutsa,K.A. 4444.
Andronnikova,M.L. 1358.
Andzhaparidze,A.G. 8174.
Andzhaparidze,O.G. 6340, 894, 1344, 2095, 5436, 6493.
Angarano,G. 1161, 1883, 1885, 7082.
Angarita,A. 7772.
Angela,F. 4295.
Angelo,M.J.O. 8277.
Angeloff,L.G. 1043.
Anger,H.S. 7550.
Anglin,A. 2706.
Angulo,J.J. 4468, 5243, 5968, 6676.
Angus,K.W. 7408, 8405.
Anjaneyulu,A. 1294, 5361, 5364, 8026.
Ankel,H. 1648, 7911.
Anker,W.J.J. 920.
Anong,C.N. 5240.
Ansari,B.M. 378.
Ansevin, A.T. 24, 605.
Anstee,D.J. 6282.
Antarkar,D.S. 5290.
Antel,J. 470.
Anthone,R. 7949.
Anthone,S, 7949.
Antkowiak,J. 111.
Anton,M. 6766, 8401.
Antoniades,H. 3661.
Antonova,I.V. 3820, 4944, 5262.
Antonova,N.I. 7342.
Antonova,T.P. 753, 7729.
Antony,A. 1741, 6551.
Anusz,Z. 2639.
Aoi,Y. 686, 5091.
Aoki,F.Y. 213, 6086.
Aoshima,T. 237.
Aoyagi,T. 3659.
Aoyama,H. 5744.
Aoyama,S. 1328.
Aoyama,Y. 4546, 5330.
Apinhasmit,K. 4248.
Apitzsch,L. 917.
Apodaca,J. 4924.
Aposhian,H.V. 2181, 7784.
Appel, M. 480.
Appel,M.C. 2729.
Appel,M.J. 7120.
Appel,M.J.G. 8366, 590, 4522, 8350.
Appiano,A. 3352, 5382.
Appleby,A.P. 2026.
Appleton,H. 1134.
Appleton,P.N. 1572.
Appleyard,G. 3499, 4624.
April,M. 6789.
Arana,R.M. 968, 5340.
Arangio Ruiz,G. 8308.
Arata,A.A. 3808, 3870, 8289.
Araujo,M.T.F. 4557.
Araullo-Cruz,T.P. 906.
Araya,A. 6998, 7748.
Arber,W. 6831, 7629.
Arbeter,A. 1815.
Arbogast,J. 3027.
Archard,L.C. 2889.
Archbald,L.F. 6771.
Archer,L.J. 5593.
Archetti,I. 5342, 8308.
Archibald,A.R. 1434, 4735, 5513.
Ardito,F. 5680.
Ardoin,P. 2076, 2388, 3025, 3231.
Arechabala,J.M. 3793.
Arefiev,I.M. 2303.
Arendes,J. 6284, 7714, 8025.
Arene,O.B. 3357, 6130.
Arens,M. 39, 6984.
Arensman,J.B. 6107.
Arfsten,A.E. 1553.
Argeri,C.B. 8021.
Argeri,N.J. 8021.
Arguedas-Gamboa,A.J. 6539.
Arias-Ibarrondo, J. 3.
Arias-Ibarrondo,J. 4245.
Arico,S. 1828, 6440, 8016, 8019.
Ariga,H. 6989.
Arikawa,J. 3876, 7433, 7824.
Arisaka,F. 4012.
Arispici,M. 7405.
Arita,H. 8028.
Arita,I. 7347.
Arita,K. 6869.
Arita,M. 1705.
Ariyawansa,J.P. 8244.
Arkhipov,G.S. 7332.
Arlet,P. 8257.
Arlinghaus, R.B. 24, 605.
Arlinghaus,R.B. 2208, 4140, 4804, 7618.
Armalite,V.K. 5595.
Armengaud,M. 3022, 3032.
Armengod,M.-E. 2932.
Armentrout,R.W. 4772.
Armour,W.E. 4434.
Armstrong,G. 8034.
Armstrong,J.A. 906, 6090.
Armstrong,M. 8341.
Armstrong,M.Y.K. 1028.
Armstrong,R.B. 3632.
Armstrong,R.E. 3227.
Arnason,B.G.W. 470.
Arnaudova,V. 3708, 5847.
Arndt,J. 6051.
Arndt,K. 4305.
Arnheiter,H. 7118.
Arnold,M.K. 7536.
Arnold,W. 1047, 2506, 4391, 5951, 5997, 6542, 8319.
Arnon, R. 255.
Arnon,R. 3051, 3594.
Arnoult,J. 7529.
Aron,E. 1940, 5946.
Aron,G.M. 5565.
Arquembourg,P.C. 1065.
Arrand,J.E. 2226.
Arrand,J.R. 6204.
Arrobio,J.O. 1860, 5175, 5985.
Arroyo,V.,M. 989.
Arseni,C. 2507.
Arstila, P.P. 275.
Arthuis,M. 7310.
Arthur,L.O. 1506, 3137, 5047, 5676.
Artsob,H. 1227, 5315.
Arya,S.C. 913.
Arya,S.K. 6605.
Aryaneyula,A. 8464.
Arzoglou,P. 5842.
Asada,T. 5744.
Asai,H. 2842.
Asai,T. 6869.
Asano,A. 3968.
Asano,Y. 2374.
Asari,P.A.R. 7466.
Asch,B.B. 1007.
Aschenbrener,C.A. 8339.
Ascher,N.L. 5892.
Ash, J.S. 515.
Ash,J.F. 3854.
Ashby,J.W. 2049.
Ashcarai,M. 4396.
Ashcavai,M. 2530, 7269.
Ashcaval,M. 3728.
Ashcavi,M. 6004.
Asher, D.M. 257.
Asher, L.V.S. 257.
Asher, Y. 40, 623.
Asher,D.M. 6724.
Asher,Y. 2189, 4351.
Ashley,C.R. 1981, 2575, 4038, 6647.
Ashley,C.S. 290, 5282, 5283.
Askonas,B.A. 2439.
Aslam,M. 7197.
Assaad, F.A. 435.
Assaad,F. 5918.
Assaad,F.A. 7495.
Assathiany,R. 5924, 7993.

IRL©1979

Asselbergs,F.A.M. 1507.
Asselin,A. 1408, 1410.
Assensio,A.-M. 7293.
Asso, J. 256.
Asso,J. 584, 5659.
Astell,C. 7028.
Astell,C.R. 7579.
Astier,T. 573, 1375.
Astrin,S.M. 1774.
Atabekov,J.G. 2131, 6224, 7563.
Atanadze, S.N. 468.
Atanasiu,P. 2269, 2387, 2388, 3025, 4993, 6256, 7055, 7944.
Atas 7832.
Atcheson,K.J. 6764.
Atchison,R.W. 5286.
Athanasiu,P. 3705, 5162.
Atherton,K.T. 1621.
Attathom,S. 4602.
Atwell,R.B. 6042.
Aubertin,A.M. 7656.
Aublet-Cuvelier,J.L. 5202.
Auchterlonie,I.A. 5903.
Aucker,J. 2763.
Audurier,A. 2241.
Auer,B. 4764.
Auerbach,J. 5583.
Auernhammer,H. 3314.
Auerswald,E.A. 2776.
Auger Buendia,M.A. 6963.
Augsburger,J.J. 4418.
Augur,N.A., Jr. 3270.
Augur,N.A.,Jr. 3779.
August,J.T. 3682, 6274.
August,M.J. 8195.
Aujean,O. 4123.
Aulakh,G.S. 5167.
Aung,M.K. 2562.
Auperin,D. 4714, 5761.
Aurelian,L. 3709, 3710, 5099.
Austin,F.J. 3299.
Austin,M. 7305.
Austin,M.A.D. 2770.
Austin,R.M. 2100, 5889, 7168.
Austin,S. 4170.
Autret,A. 7392.
Autrup, E.H. 498.
Auvanich,W. 7131.
Auzinya,A.V. 4284.
Avasthi,P.S. 5870.
Avdeeva,L.I. 1330.
Avery,R.J. 1378, 3965, 6916, 7002.
Awasthi, L.P. 79.
Axberg,T. 6300.
Axel,R. 5563.
Axton,J.H.M. 8242.
Ayam,S. 7832.
Ayanru,J.O. 1837.
Ayed,K. 6441.
Ayers,J.E. 3356.
Aymard-Henry,M. 2015.
Aymard,M. 6145, 6944.
Aynaud, J.M. 190.
Aynaud,J.M. 1687, 5613, 6074.
Ayoub,E.M. 7391.
Ayoub,N.N.K. 2525.
Ayres,M.D. 2809.
Ayres,P.A. 5958.
Ayuzawa,C. 1272.
Ayyagari,A. 1881.
Azadova,N.B. 6885.
Azarova, S.A. 349.
Azbel,M.Y. 3392.
Azegami,M. 7852.
Aziz,A. 7832.
Aziz,T.A.G. 7063.
Azizbekyan,R.R. 6382.
Azizullah,M. 4469.

Baas,P.D. 707, 2874.
Baath,C. 3307.
Babaev,A.A. 915.
Babaeva,E.E. 2079.
Babb,R.R. 8325.
Babenko,L.V. 7352.
Babes,V.T. 1120, 1159, 3255, 3548, 6543.
Babich,A. 4676.
Babich,H. 2458, 5067, 5082.
Babin,P. 8208.
Babiss,L.E. 7647.
Babiuk, L.A. 258.
Babiuk,L.A. 2705, 3069, 3511, 5894, 6047, 6535, 6863.
Bablanian,R. 1704.
Bacardi,R. 5862, 5869, 7333.
Bacchetti,S. 4066.
Baccichetti,F. 5586.
Bach, F.H. 261.
Bach,C. 7993.
Bach,Ch. 5924.
Bach,F.H. 981, 4374.
Bacha,P. 6396.
Bacheler,L.T. 6347.
Bachelerie,C. 5336.
Bachelier,J.C. 4692.
Bachi,B. 4660.
Bachlin,A. 1888.
Bachmann,P.A. 6848, 941, 2151, 7496.
Bachmayer,H. 2302, 3943.
Bachrach,H.L. 7589.
Backes,C. 4414.
Backhaus,H. 6366, 6404.
Backhausen,F. 8240.
Backman,K.C. 6296.
Backstrom,J.T. 8062.
Bacon,P.A. 3173.
Bacsko,K. 127.
Baczynski,Z. 2699, 4299, 4519, 7421.
Badanoiu, Al. 361.
Badanoiu,Al. 4513.
Bade,E.G. 4168.
Bader,C. 4305, 7382.
Bader,J.P. 2474, 6577.
Badiali de Giorgi,L. 2539.
Badolati,G. 5264.
Badrinath, S. 364.
Badsberg,E. 8154.
Baenkler,H. 7190.
Baer,G.M. 2346, 2385, 2420, 4914, 6689.
Baetz,A.L. 2690.
Baev,A.A. 4163, 6379, 6380.
Baeva,I. 8203.
Baez,J.A. 1467.
Bagdasaryan,A.A. 5880.
Bagdasuryan,G.A. 4507.
Bagg,L.R. 391.
Bagina,T.M. 1239.
Baglioni,C. 139, 1617, 6463, 7732.
Bagros,P. 3603, 5006.
Bagust,T.J. 5803, 7959.
Bahmanyar,M. 7944.
Bahna,S. 5188.
Bahna,S.L. 3074.
Bai,P.V.A. 5915.
Baikoff,G. 5288.
Bailey, W.C. 430.
Bailey,E.J. 4336.
Bailey,L. 3323, 4568, 6852.
Bailey,S. 1738, 5079.
Bailone,A. 1554.
Bains,S.S. 6813.
Bainton,D. 3198, 6483.
Baird,I. 6608.
Baird,S. 1039.
Baird,S.M. 7616.
Bajtai,G. 2607.
Bakacs,T. 1446, 4312.
Bakaev,V.V. 1384.
Bakalov,B. 8168.
Bakar,K.A. 3342.
Bakatubia,M. 4436.
Bakayev,V.V. 37, 618.
Bakayeva,T.G. 618.
Baker,G.P. 5242.
Baker, D.A. 528.
Baker,A.L. 7328.
Baker,B. 7821.
Baker,D.A. 2723, 8197.
Baker,D.C. 3647.
Baker,E.F., Jr. 521.
Baker,E.F.,Jr. 3056.
Baker,G.P. 8272.
Baker,P.N. 7899.
Baker,S.R. 1769.
Bakhabov,A.Kh. 7469.
Bakirov,R.D. 5616.
Bakker,A.K. 920.
Bakker,W. 6024.
Bal,E. 1638.
Balabanova,H. 7266.
Balakrishnan,V. 4503.
Balandin,I.G. 1736.
Balaraman,K. 6121.
Balayan,M.S. 8174.
Balazs,E. 4010, 4580.
Balboni,P.G. 1746, 7728.
Baldacci,E.R. 5923.
Baldi,A. 3952.
Baldini,G. 4271.
Balducci,L. 7293.
Balducci,M. 5974.
Baldwin,B.H. 2717.
Balestrieri, G.G. 412.
Balfour,H.H., Jr. 1661, 7977.
Balfour,H.H.,Jr. 7929, 4308, 5193, 5892.
Balg,G. 1097.
Baliah,T. 7949.
Balian Rorke,L. 3638.
Balk,S.D. 1771, 7227.
Balkwill,F. 905, 2982.
Ball,A. 209.
Ball,A.P. 5246.
Ball,H.J. 4533, 4534, 5325.
Ball,J.K. 8100.
Ball,L.A. 782, 4961, 4973, 5641.
Ball,R.F. 3311.
Balla,J. 4580.
Balla,L. 945.
Ballke,E.-H. 2372.
Ballmer,K. 1751.
Ballou, C.E. 62.
Balnokina,S.I. 3089.
Balode,B.R. 3953.
Balsdon, M.J. 340.
Balsdon,M.J. 3139.
Baltimore, D. 56.
Baltimore,D. 46, 1441, 2123, 2892, 2897, 3941, 4352, 4816, 5149, 5535, 7735.
Baluch,J. 1357.
Baluda,M.A. 2204, 6600.
Balzamo,E. 7393.
Balzano,A. 6701.
Bamford,D.H. 678, 7628.
Ban,J. 3464.
Banatvala,J. 5165.
Banatvala,J.E. 2624, 2627, 5673, 6704.
Bancroft, J.B. 802.
Bancroft,B.J. 3617.
Bancroft,F.C. 7108.
Bancroft,J.B. 800, 801, 1523, 2833, 4027, 4854.
Bancroft,W.H. 6523, 6680.
Bandu,M.-T. 2342, 7921.
Bandyk,M.G. 6014.
Bandyopadhyay,A.K. 7110, 773, 2896.
Bandyopadhyay,P.K. 1452.
Banerjee,A.K. 778, 1376, 1377, 4828.
Banerjee,K. 962, 1156, 6070.
Banerjee,R.K. 6996.
Bang,Y.H. 8289.
Bani,E. 4271.
Bank,A. 1034.
Bankhurst,A.D. 6536.
Bankowski, R.A. 252.
Bannikov,Yu.A. 6233.
Banos,Z. 1717, 6773.
Bansal,M.P. 2425.
Bansal,R.P. 495.
Bapat,J.-P. 6710.
Bar-Izhak,R. 5927.
Bar-Joseph,M. 1409, 2046, 2216, 5623, 7875, 7876, 7877.
Bar,H. 4654, 7570.
Barahona,H. 7952.
Barak,Z. 3201.
Baran,G.J. 790.
Baranosky,L.J. 3783.
Barbacid,M. 151, 3686, 5818, 7221.
Barbanti-Brodano,G. 1746, 7341, 7728.
Barbara,D.J. 6445.
Barbara,J.A.J. 2541, 6486.
Barber,T.L. 1585.
Barber,W.H. 972.
Barbier,J. 8208.
Barbier,P. 3780, 6660.
Barbieri,N. 7480.
Barbizet,J. 2555.
Barbosa,E. 630, 1484, 1485
Barbosa,H.H.G. 3818.
Barbosa,V. 3580.
Barbour,B.A. 2257, 6416

Barclay,S.L. 3449, 4171.
Bardeletti,G. 4158.
Bardell,D. 3440, 4717.
Bardos,V. 3302, 3303, 6684.
Bare,R.M. 5829.
Barenholz,Y. 666, 6950.
Barger,B.O. 6537.
Barin,F. 2299, 8267.
Baringer,J.R. 1187, 1188, 1242, 6084, 6087.
Barinskii,I.F. 4907.
Barinsky,I.F. 5747, 7090, 8393.
Barker,D.F. 4203.
Barker,H. 6925, 6943.
Barker,K.N. 1131.
Barker,L.F. 3903, 6790.
Barker,R. 834.
Barkin,R.M. 982.
Barkova,E.P. 894.
Barlass,M. 2033.
Barlow,D. 6835.
Barlow, R.M. 487.
Barlow,R.M. 6770.
Barnekow,A. 2491.
Barnes,C. 2461.
Barnes,T. 8142.
Barnes,W.M. 7843.
Barnett,A. 1282, 2033.
Barnett,G. 7473.
Barnett,O.W. 7464.
Barnikol,H. 3863.
Baron, D. 200.
Baron,D. 6573.
Baron,L.S. 2917.
Baron,M.H. 7735.
Baron,S. 680, 1632, 2065, 2309, 2332, 4255, 4260.
Barone,J.J. 3112.
Baronin,A.V. 1893.
Baross,J.A. 1886, 2239.
Barr, R.D. 362.
Barr,A. 6007, 7870.
Barr,P.J. 1000, 8039.
Barr,R.,Jr. 5898.
Barr,S.M. 2181, 7784.
Barrell,B.G. 1361, 2104.
Barrett Connor,E. 4592.
Barrett,A.N. 6250.
Barrota,M.F. 4274.
Barry,R.D. 4189, 4190.
Barskii,R.L. 6651.
Barta,V. 3516.
Bartell,P.F. 4060.
Bartenev,V.N. 609.
Bartfeld,H. 1182.
Barth,R. 3650, 3897.
Barth,T. 1962.
Bartha,A. 3309.
Barthelemy,L. 4558.
Barthke,D. 5943.
Barthold,S.W. 5085.
Bartholomew,D.G. 2456.
Bartholomew,J. 2785.
Bartholomew,R.M. 3084.
Bartke,D. 5947.
Bartlett,G.L. 5086.
Bartlett,R.J. 3471.
Barton, M.D. 482.
Barton,R.J. 4041.
Bartoszcze,M. 850, 1564, 7075.
Baruzzi,R.G. 8277.
Barzilai,R. 3701.
Basak,S. 7754.
Bashirelahi,N. 1044.
Bashkatova,S.T. 3099.
Basickova,M. 2683.
Basilico,C. 8052.
Basilico,F.C. 1107.
Basiri,E. 6767.
Baskerville,A. 1419, 2012, 3570, 3831, 4316.
Basler, R.S.W. 420.
Basombrio,M.A. 574.
Bass,J.W. 912.
Bassel,B.A. 5521.
Bassendine,M. 3095.
Bassendine,M.F. 1176, 4395.
Basset,J. M. 1098.
Bassi,M. 3351.
Bassin,R.H. 2761, 3693.
Bastia,A. 7367.
Bastin, R. 352.
Basu,T.K. 5579.
Basuno,E. 8293.
Batchelor,D.L. 4235.
Bates,R.C. 1470, 3281, 6313.
Bateson,M.C. 6725.
Batt Humphries,S. 7011, 7760.
Battaglia,M. 7293.
Battersby,S.J. 3973, 7564.
Battistini,A. 3048.
Battreall,C.M. 5565.
Baudin,S. 5006.
Bauer,G. 147, 1493, 4067.
Bauer,H. 1020, 2291, 2857, 4130, 5919, 5925, 6525.
Bauer,K. 5020.
Bauer,W.R. 2780.
Baughcum,S.D. 2420.
Baugnet Mahieu,L. 1375.
Baum,J. 6533.
Baum,J.L. 359.
Bauman,V. 696, 697.
Bauman,V.R. 4068.
Baumann, H. 226.
Baumbach,L. 5628.
Baumeister,H.G. 6251.
Baumgarten,R. 1916, 4502, 5943, 5947.
Baumgartner,I. 7632.
Bausch,J. 7881.
Bause,I. 5119.
Bavoil,P. 2853.
Baxby,D. 4530.
Baxendell,S.A. 3280.
Baxi,A.J. 6710.
Baxt,B. 7589.
Baxt,W.G. 1016.
Baxter Grillo,D.L. 5343.
Bayer,M.E. 2162, 5511.
Bayer,M.H. 5511.
Bayev,A.A. 27, 615.
Bayley,S.T. 5531.
Bayne,M.L. 4069, 4070.
Bayreuther,K. 1755.
Baze,W.E. 1641
Bazeley,M. 2433.
Bazin,H. 1802.
Bazzone,J.R. 8277.
Beach,T.A. 6987.
Beamand,J.A. 7035.
Bean,W.J., Jr. 2296.
Bean,W.J.,Jr. 5577.
Beard,C. 4081.
Beard,C.W. 2274, 7158.
Beard,D. 3467.
Beard,J.W. 3467.
Beard,P. 1385.
Beardsley,T.R. 5830.
Beare,A.S. 1379, 3093, 4279.
Beasley, J.N. 479.
Beasley,R.P. 3247, 6711.
Beato,M. 7741.
Beattie,R.J. 6041.
Beaty,B.J. 5979.
Beauchant,J. 8208.
Beaucournu-Saguez,F. 1225.
Beaucournu,J.-C. 6068.
Beaucournu,J.C. 1225.
Beaudreau,G.S. 6221.
Beauplet,A. 7872.
Bech-Nielsen,B.V. 4210.
Bech-Nielsen,S. 1228, 6504.
Bechberger,J. 2219.
Bechet,J.-M. 1479, 6268.
Bechmann,G. 1192, 3287.
Beck,D. 3744.
Beck,E. 2776.
Beck,G. 8346.
Becker-Birck,J. 4508.
Becker, Y. 40, 623.
Becker,A. 96, 2217, 3482, 3483.
Becker,F.F. 1045.
Becker,L.E. 1048, 8220.
Becker,M.J. 3130.
Becker,S. 4372.
Becker,W.B. 2613.
Becker,Y. 2189, 4351, 4875, 7266.
Beckers,A. 1802.
Beckwith,C.A. 3783.
Beckwith,D.G. 6847.
Becroft,D.M.O. 5901.
Beczner,L. 3425, 4950, 7878.
Bedarida,G. 6706.
Bedigian,H.G. 7246.
Bednova,V.N. 7060.
Bedson,H.S. 5465.
Beecham,H.J.,III 2394, 6490.
Beegle,C.C. 4040.
Beeken,W.L. 1108.
Beem,M.O. 8179.
Beemon,K. 769, 1501, 5470, 5534.
Beer,A.E. 7979.
Beer,J. 1688, 2413.
Begent,R.H.J. 3692.
Begg,J.A. 2379.
Begovich,A. 4345.
Behlert,O. 7400.
Behrens,B. 4651, 4652.
Behymer,D. 1022.
Behymer,D.E. 8091.
Beier,H. 6184.
Beilharz,H. 4013.
Bekesi,L. 7216.
Bekhor,P.S. 2510.
Bekkalieva,Yu.K. 7361.
Bektemirov,T.A. 894.
Bektemirova,M.S. 1344.
Beladi,I. 1580.
Belak,S. 1215, 5008, 5693, 6866.
Belardelli,F. 1627.
Belceva,P. 8203.
Belcher, D.W. 238.
Belcher,D.W. 8283.
Belfort,M. 51, 4894.
Belin,D. 4088, 4770.
Bell,E.J. 1135, 5918.
Bell,F.J. 6839.
Bell,J.C. 5542.
Bell,J.F. 1262.
Bell,R.B. 3710.
Bell,S.E. 5069.
Bell,T.D. 1833.
Bellani,L. 3607.
Bellelli,E. 7076, 7360.
Bellett,A.J.D. 4782.
Belli,E. 5987.
Bellini,O. 4380.
Bellini,W.J. 7514.
Bellman,M.H. 3852.
Bello,L.J. 619.
Bellon,G. 1071.
Belloncik,S. 7522.
Belohradsky,B.H. 8145.
Belostotskaya,N.P. 5920.
Belozerov,E.S. 7332.
Belperron,P. 1101.
Belshe,R.B. 2734, 7037, 7455.
Beluaev,N.D. 4840.
Belyaeva,N.E. 6651.
Belyaeva,N.N. 4032.
Belyakov,V.D. 4491.
Belyakova,E.M. 7639.
Bemis, D.A. 480.
Ben-Bassat,H. 7298.
Ben-Porat,T. 2795, 4794, 6206, 7586.
Ben Zvi,A. 3165.
Benacerraf,B. 2446, 3626.
Benade,L.E. 321.
Benamon,D. 1574, 2276.
Benchetrit,L.C. 6446.
Benchimol,S. 3483.
Benda, V. 241.
Benda,R. 4620.
Benda,V. 2469, 4291.
Bendele,R.A. 3858.
Bender,T. 2519.
Bendich,A. 2902.
Bendig,M.M. 817, 6199.
Bendinelli,M. 6528, 7236.
Benedetto,A. 1627, 8108.
Benenson,A.S. 4470.
Benesh,D.T. 4077, 7658.
Benet,J.J. 3034.
BenEzra,D. 7282.
Benfante,R.J. 5252.
Benfield,D.A. 4920.
Benhamou,J.P. 4453.
Benicourt,C. 7781.
Benigno,D.R.A. 6128.
Benimetskaya,L.Z. 6188.
Benimezkaja,L.Z. 29.
Benirschke,K. 4413.
Benjamin,S.R. 854.
Benjamin,T. 2284, 7030.
Benjamin,T.L. 4659, 8042.
Benjers,B.M. 3693.
Benkoel,L. 6175, 6176.
Benndorf,E. 2414.
Bennet,A.M. 7073.
Bennett,C.E. 4315.
Bennett,J.C. 7285, 7624.

IRL©1979

Bennett,M. 2494, 7243.
Bennett,N.McK. 8172.
Bennicelli,C. 4231.
Bennink, J.R. 272.
Bennink,J. 973.
Bennink,J.R. 1718, 5038.
Benso, L. 416.
Benso,L. 5212.
Bensusan,H. 303.
Bentejac,M. C. 2395.
Benton,C.V. 797, 3372, 8135.
Bentvelzen,P. 2499, 5836.
Benusiglio,L.N. 1125.
Benveniste,R.E. 2211.
Benz,E.W.,Jr. 7757.
Benz,R. 6277.
Benzinger,R. 2176.
Beran,J.G. 4526.
Berbee,A.T. 3925.
Berberian,H. 4233.
Berca,C. 3255.
Berdel,D. 5189.
Berencsi,D. 1369.
Berezina, I.G. 181.
Berezina,L.K. 1429, 7493.
Berezina,O.N. 7884, 781, 2099, 2732, 6918.
Berg, K. 208.
Berg,B.O. 7176.
Berg,G. 2576, 3754, 5225, 5232, 5234, 5399.
Berg,J.V.R. 1078, 7868.
Berg,K. 1610, 4252, 4959, 4977.
Berg,P. 737, 2884, 3990, 4180, 6201, 6234.
Bergdahl,S. 7868.
Bergeland,M.E. 3865.
Berger-Hernandez,R. 1888.
Berger,J. 649.
Berger,N.A. 691.
Berger,U. 6912.
Bergeron,B. 7800.
Bergeron,M.G. 8329.
Berget,P.B. 1464.
Berget,S.M. 4109, 6327.
Bergfeld,W.F. 5173.
Bergholz,C. 1396, 4703.
Berglund,A. 4442.
Berglund,O. 4091.
Bergman,R. 3322.
Bergmann,H. 933, 2680.
Bergmann,J.E. 4144.
Bergmann,V. 1958, 6044.
Bergstrand,O. 4401.
Beri,D.P. 1055.
Berissi,H. 2974.
Berkel,A.I. 5031.
Berkner,K.L. 3984.
Berkowicz,M. 2566.
Berlin,B.S. 4997.
Berman,A. 1050.
Berman,D. 5225.
Berman,J.E. 1050.
Berman,L.D. 3107.
Bermudez,R. 4428.
Bernard,C. 8093.
Bernard,F. 2701.
Bernard,H.U. 7796.
Bernard,J.P. 783.
Bernard,S. 2945.
Bernardini,F. 5974.
Bernardova,H. 6816.
Bernat,J.L. 1107.
Bernath,S. 5698.
Bernoulli,C. 6724.
Berns,K.I. 3977.
Bernstein,A. 7237, 7238.
Bernstein,C. 7808, 7809.
Bernstein,H. 7808, 7809.
Bernstein,I.D. 8128.
Bernstein,N.D. 3591.
Bernstein,R.M. 1113.
Berquist,E.J. 5683, 5684.
Berquist,K.R. 1162, 3532, 8017, 8320.
Berria,M.I. 2589, 3793.
Berris,B. 447, 3252.
Berry, P.J. 388.
Berry,J.W. 1890.
Berry,M.K. 4913.
Bersch,N. 2490, 5141.
Bershtein,L.M. 5504.
Bert,J. 7393.
Bertani,L.E. 2936.
Bertens,A.P.M.G. 5694.
Berthiaume,L. 5474, 5335, 6646.
Berthold,W. 2337.
Bertini,A. 1876.
Bertini,M. 299.
Bertino,J.R. 1491.
Bertolini,L. 5137.
Bertrand,A. 3021, 3031.
Bertrou,G. 8207.
Bertsch,L.L. 102.
Bertucci,R. 3821.
Berzin,A.A. 4953.
Berzin,V. 4641, 4760.
Berzin,V.M. 602.
Besada,W.H. 6127, 7506.
Besancon,F. 1648, 7911.
Besmer,P. 1441, 4352, 4816.
Besova,S.A. 4995.
Best,J.M. 5673.
Bestetti,G. 4290.
Beswick,T.S.L. 4338.
Beth,E. 3149.
Bethell,D.R. 5782.
Betts,R.F. 1673, 5655, 5683.
Beug,H. 1396, 1764, 1770, 3673, 4703, 5106.
Beutner,K.R. 1126, 5750, 8015.
Beuz,W.C. 1483.
Bew,M.E. 245.
Bex,F. 5558, 7230, 7995.
Bey,E.M. 5843.
Beyer,J. 2471.
Beytout-Mamouret,A. 6417.
Beytout Monghal,M. 1858, 6417.
Beytout,D. 2622, 6417.
Bhamarapravati,N. 3192, 6420.
Bhan,A.K. 1128, 7196.
Bhargava,B. 1299.
Bhat,H.R. 6070.
Bhatia,H.M. 6710.
Bhattacharyya,G.K. 4565.
Bhatti,A.R. 7708.
Bhola,S.R. 5678.
Bhooshan,B. 296.
Bhown,A.S. 7624.
Bhuyan,U.N. 3160.
Bia,F. 531, 2159.
Bialek,J. 990.
Bianchi,L. 3211.
Biasi,G. 1715.
Bibi,O. 3658.
Bichel,J. 3002.
Bickford,A.A. 8374, 7990.
Bickle,T.A. 6266.
Biddison,W.E. 1718, 5740, 5741, 7184, 8005.
Bidel,C.W. 405.
Bidwell,K. 4074.
Biedert,R. 7950.
Bienkowska,K. 7683.
Bienz,K. 4050.
Biering,W. 916.
Bierwolf,D. 5628.
Biever,K.D. 2022, 8426.
Biffoni,F. 3825.
Biggar,R.J. 1814, 4118, 4309, 4310, 8213.
Biggs,M.W. 1797.
Bigimbetova,Sh.Sh. 7361.
Bihr,J.G. 5023.
Bijnens,B. 7151.
Bijok,U. 7531.
Bikbauva,A.A. 1224.
Bikbulatov,R.M. 4907, 5263.
Biland,L. 3727.
Bilham,T. 3408.
Billeter,M.A. 1363, 1364, 1365.
Billiau,A. 1618, 1639, 2308, 7912.
Bina Stein,M. 4102.
Binder,P.S. 3736.
Binford,C.H. 8469.
Bingen,A. 2002.
Binn,L.N. 6041, 6056.
Biondi,E. 6075.
Biorklund,A. 8155.
Birch,C.J. 6423.
Birchall,S.M. 1867.
Birckbichler,P.J. 1752.
Bird, J. 559.
Bird,A.G. 7981.
Birg,F. 4094.
Birkenmeier,E.H. 4100.
Birnaure,F. 2773, 5485.
Bis'ko,N.A. 3911.
Bishai,F.R. 3552, 4225.
Bishop, A.L. 549.
Bishop,D.H.L. 4720, 4884, 6212, 6236, 6353, 6995, 7592, 7743.
Bishop,G.A. 3723.
Bishop,J.M. 45, 146, 766, 825, 1015, 2202, 2898, 4131, 5806, 7739, 7749, 7821, 7822, 8075.
Bisig,R. 3488.
Bissell,M. 6629.
Bissell,M.J. 4358, 5113.
Bisser,J.-P. 8162.
Bister,K. 3998, 5422, 8063.
Biswal,N. 823, 4670.
Bitsch, V. 498.
Bitsch,V. 1217, 5600.
Bittle,J.L. 2408.
Bittman,E. 281.
Bitton,G. 3224, 4718.
Bittoun,P. 1781.
Bjornson,A. 3037.
Bjursell,G. 3396, 6314, 7720.
Blaas,D. 5408, 7617.
Black, L.W. 54.
Black, R.E. 454.
Black,B.C. 6928.
Black,D.N. 1372, 2192, 6208.
Black,F.L. 4493.
Black,F.T. 3068.
Black,J.W. 6045.
Black,L.M. 1579.
Black,L.W. 792, 793, 1518, 1519, 1525.
Black,M.M. 2526.
Black,P.H. 2983, 5717, 7920, 8045.
Black,S.H. 6007, 6432.
Blacklow,N. 3627.
Blacklow,N.R. 394, 1864, 4913, 5922, 6645.
Blackman,M. 3130.
Blackwell, J.H. 506.
Blackwell,J.H. 507, 2821, 5071, 5762.
Blaga,M. 249, 250.
Blagdon,J. 3810.
Blagoslovensky,G.S. 3213.
Blagoveshenskaya,O. 6387.
Blaine Hollinger,F. 3203.
Blaineau,C. 3964.
Blair,D.G. 2219.
Blair,G.E. 7815.
Blair,P.B. 2096.
Blakemore,W.F. 7402.
Blakeslee,J.R. 2464.
Blalock,J.E. 899, 1628, 1632, 4255, 5643, 6470.
Blanchard, D.C. 473.
Blanchard,J. M. 1477.
Blancher,G. 5853.
Blanck,R.R. 8322.
Blanco,M. 2932.
Blancou,J. 7182, 8003.
Bland,A.P. 2870.
Blanden,R.V. 5723, 6521, 7162.
Blandford,G. 5878.
Blank,M.A. 7223.
Blankenship,M.L. 625, 6206.
Blanton,R.A. 743, 4111.
Blaschke,E. 5937.
Blaskovic, P.J. 348.
Blaskovic,D. 6621.
Blaskovic,P. 3552.
Blaskovic,P.J. 1823.
Blass,D. 6238.
Blattner,F.R. 4167.
Blattner,W.A. 877, 3541.
Blau,W.S. 2737.
Blavon Duchesne,N. 8208.
Blavy,G. 5272.
Blazar,B.A. 1799.
Blazovsky,J. 1130.
Blennerhassett,G.T. 3498.
Blevins, C.S. 177.
Blichfeldt,E.D. 3045.
Bliznichenko,A.G. 4711.
Blobel,G. 4830, 4844, 6339.
Bloch,A. 3797.
Blocker,H. 597.
Bloemendal,H. 1507.
Bloemers,H.P.J. 4680.
Blok,J. 4057, 4715.

Blokhina,T.P. 1544.
Blomberg,J. 2576, 3754.
Blomgren,H. 4256.
Blondel,B. 5088.
Blood, P.R.B. 549
Bloom, B.R. 541.
Bloom,B.R. 591, 3848, 8006.
Bloom,J.C. 7996.
Bloomer,A.C. 2811.
Bloomfield, C.D. 350.
Bloomfield, V.A. 68, 69.
Bloomfield,V.A. 790, 6904, 6946.
Blotzer,J.W. 5197.
Blough,H.A. 1018.
Blouse,L.E. 7042.
Blout,E.R. 6563.
Blue,J.L. 6052.
Blum,J. 5907.
Blumberg,B.S. 1129, 5752, 5754, 6606.
Blumberg,P.M. 8089.
Blumenthal,M. 1168.
Blyth, W.A. 6.
Blyuger,A.F. 4925, 5866.
Boaz,J. 6916.
Bobnick,M.L. 2920.
Bobowick,A.R. 6034.
Bobrova,N.R. 5096.
Boccara,M. 1331, 1427.
Bocci,V. 1642.
Bocharov,A.F. 5407, 8395.
Bochynski,K. 2590, 2598.
Bock,K.R. 2054, 5387, 6149.
Bocker,J. 4309, 4310.
Bocker,J.F. 7982.
Bockmann,J. 4937.
Bockstahler,L.E. 5787.
Boddaert,A. 1884, 8258.
Bode,B. 2856.
Bode,O. 2282.
Bode,V.C. 7795.
Bodemann,H. 8326.
Bodemer,M. 3994, 4876.
Bodemer,W.W. 3994.
Bodfish,K. 5009.
Bodnar,J.W. 7706.
Bodnaruk,W.H.,Jr. 5384.
Bodo,G. 2330, 4120.
Bodon,L. 7403.
Bodros,A. 5930.
Bodunova,I.A. 7362.
Boehler-Kohler,B.A. 6277.
Boehm Truitt,M. 6593.
Boehmer,S. 806.
Boeke,J.D. 7026, 7803.
Boere,W.A.M. 3318.
Boers,W. 3528.
Boeru,V. 6108.
Boes, E. 365.
Boese,T. 3582.
Boettiger,D. 5114.
Boezi,J.A. 2720.
Bogdanov,A.A. 658, 6374, 7563.
Bogdanova,N.S. 5078.
Bogel,K. 520, 7944.
Boggs,J. 6429.
Bogomolova,N.N. 1344, 2095, 6340.
Bogos,L. 5988.
Bogovsky,B.P. 1030.
Bogoyavlensky,S.Yu. 5945.
Bohl,E.H. 2093, 2364.
Bohm,H.O. 1222, 7430, 8389.
Bohme,H. 7041.
Bohn,G.W. 7502.
Bohn,M. 3989.
Bohn,M.J. 36.
Boiocchi,M. 8120.
Boiron,H. 3023, 3033.
Boiron,M. 2521.
Boisvert,J. 7522.
Boiteux,S. 842.
Boitieux,J.-L. 1578.
Boitieux,J.L. 2953.
Boitnott,J. 6662.
Boitnott,J.K. 7326.
Boivin,M. 1666.
Bol,J.F. 1514, 3476, 4686.
Bolbot,V.I. 7361.
Boldasov,V.K. 8271.
Bolden,A. 5532.
Boldogh,I. 2166, 6571.
Bolin,S.R. 6764.
Boll,W. 7810.
Bollengier,F. 7395.
Bollin,E.,Jr. 1606, 4266.
Bolnokina,S.I. 5263.
Bolognesi,D. 1782.
Bolognesi,D.P. 796, 1790 2367, 2489, 5045.
Bolotovsky,V.M. 4284.
Bombail,D. 8261.
Bomer,H. 992.
Bonaduce,A. 5986, 6040.
Bonaduce,D. 5986, 6040, 6075.
Bonami,J.-R. 6114.
Bonatti,S. 6339, 7740.
Bonazzi,D. 3104.
Bond,C.P. 5226.
Bond,C.W. 7008, 7009, 7036.
Bond,S.B. 196.
Bond,W.W. 2652, 3532.
Bondarenko,A.P. 2726.
Bondarenko,V.I. 8279.
Bondurant,M. 143, 2209.
Bondurant,M.C. 5134.
Bone,D.R. 134.
Bonecchi,R. 7480.
Bonino,F. 8016, 8019.
Bonnard,G.D. 7915.
Bonnaud,P. 6079.
Bonner,J. 7670.
Bonner,T.I. 5157, 5840.
Bonner,W.M. 7562.
Bonnevalle,I. 5558.
Bonnez,W. 3384.
Bonomi,U. 3716.
Bonser,R.S.A. 5171.
Bonstein,H.S. 5877.
Bookout,J. 4670.
Bookout,J.B. 823.
Boon,W.H. 3190.
Boone,R.F. 4797.
Boonpucknavig,S. 7175.
Boontje,W. 4715.
Boorman,J. 510.
Boos,W. 6277.
Boosman,A. 648, 2911.
Booth,B.W. 3436.
Booth,J.C. 7063.
Booth,P. 1914.
Boothe,R. 1179.
Boozer,C.H. 2645.
Borbely,G. 8433.
Borchardt,R.T. 1486.
Bordeianu,P. 6695.
Bordeianu,V. 6695.
Borden,E.C. 2979, 3436.
Border, W. 235.
Bordin,F. 5586.
Borecky,L. 1647, 6471.
Borell,S. 5090.
Borgatti,M. 7341.
Borie,P. 4453.
Boriskii,Yu.S. 2095.
Boriskin,Y.S. 6340.
Boriskin,Yu.S. 1344.
Borisova,G.P 4760.
Born,M. 8319.
Bornkamm,G. 2519.
Bornkamm,G.W. 1055, 3712, 4673.
Bornstein,P. 7224.
Boros,I. 281, 3490.
Borota,R. 5007.
Borska,K. 7143.
Borst,P. 568.
Bortolotti,F. 1728.
Borzio,F. 869.
Bos,L. 2745, 4604, 6119.
Bosart,W. 4050.
Bosch,F.X. 5637.
Bosch,L. 742, 4756, 4757, 7781.
Bosch,V. 148.
Boschek,C.B. 827, 5925, 7457.
Bose,H.R. 3081.
Bose,H.R.,Jr. 5108.
Boseley,P.G. 628.
Boshoff,J.N. 1231.
Bosio,G. 3531.
Bosley,T.M. 467.
Boss,M. 6599.
Bossart,W. 1487.
Bossennec,J.M. 4932.
Bossens,M. 1600, 5166, 7179.
Bossi,E. 3830.
Bostock,A.D. 1910.
Boswell,K.H. 997.
Botello Velazquez,J. 3837.
Both,G.W. 4684, 6336, 7601.
Bothig,B. 8284.
Bothwell,A. 5461.
Bots,M. 7306.
Botstein,D. 1531, 2175, 4203, 7020, 7021, 7053.
Bott,F. 4499.
Bott,K.F. 1559.
Bottazzo,G.F. 5688.
Bottermann,P. 4448.
Bottger,M. 7583, 7584.
Bottiger,M. 5250, 7307.
Bottone,E. 5972.
Botvineva,V.V. 5667.
Boucher,D.W. 7144.
Boucher,J.D. 4526.
Bouchier,I.A.D. 1118.
Boucias,D.G. 2161, 4570.
Boucque,C.V. 3061.
Boudin,M.-L. 3418.
Boudreault,A. 6494.
Boue,A. 5963, 8275.
Bouffard,A. 1348.
Boughton,C.R. 1729, 3625.
Bougnoux,P. 5946.
Bouillant,A.M.P. 3955.
Boulan,E.R. 4851.
Boulanger,A. 819.
Boulanger,P. 1214.
Boulanger,P.A. 3418.
Boulesteix, J. 368.
Boulger,L.R. 913, 7130.
Bouloy,M. 4833.
Bourdon,M. 6772.
Bourgaux,P. 6321.
Bourgeade,A. 8286.
Bourgeade,M.-F. 2334.
Bourges,M. 1858, 6417.
Bourzai,M. 5206.
Boustred,J. 6486.
Boutahar-Trouw,B.K. 5726, 5727.
Bouteille,M. 7529.
Bouwen,I. 4581.
Bouygues,D. 7310.
Bove,J.-M. 3478.
Bove,J.M. 4839.
Bowden,D.W. 7019.
Bowen,E.T.W. 2007, 2012, 3570, 3765, 3803, 6102.
Bowen,G.S. 4556.
Bowen,J.M. 4381.
Bowen,R. 8453.
Bowen,R.A. 7281.
Bowie,W.R. 4417.
Bowkas,A.E. 6867.
Bowker,C. 1664.
Bowles,M. 4870, 4871.
Bown,D.N. 8289.
Boxaca,M.C. 3895.
Boxall,E.H. 1923.
Boyce,R.P. 2915.
Boychuk,V.V. 1832.
Boyd,A.L. 1025.
Boyd,G. 5879.
Boyd,M.R. 1738, 5079.
Boyer, J. 385.
Boyer,J. 5853.
Boykin, D.W., Jr. 295.
Boyle,J.S. 3356.
Boynton,A.L. 317.
Bozarth,R.F. 7498.
Bozonova,J. 5610.
Braca,G. 7405.
Bracchi,U. 7076.
Bracha,M. 5467.
Braciale,T.J. 7187.
Brack,C. 7659.
Brack,M. 8399.
Bradburne,A.F. 8163.
Bradbury,J.M. 1252.
Brade,L. 5605.
Bradish,C.J. 4316.
Bradley,D.E. 83.
Bradley,D.W. 2954.
Bradley,S.E. 1907.
Bradstreet,C.M.P. 4220, 4221.
Brady, E. 526.
Braff,E.H. 3013.
Braga,E.A. 1359.
Bragiel,I. 6545.
Braginsky,D.M. 5945, 6000.
Brahic,M. 826, 2783, 7007.
Braibant,E. 2479.
Brain,E.A. 6644.
Brain,P. 3635.

IRL©1979

Brambell,M.R. 523.
Bramhall,J.S. 4028, 6952.
Brammar,W.J. 7662.
Branca,M. 5152, 5342.
Brand,A. 8137.
Branden,C.-I. 2875.
Brandenburger,A. 842.
Brandner,G. 7636.
Brandt,C. 4496.
Brandt,C.D. 1860, 3228, 5175, 5985.
Brandt,K.-H. 1060.
Brandt,S.L. 4592.
Brandt,W. 4720.
Brann,E.A. 3246.
Branon,W.L. 2542.
Bransby,R.D. 2383, 2384.
Branscomb,E.W. 718, 4767.
Branston,D. 6826.
Branton,P.E. 5531.
Brasch,H. 2607.
Brassel,J. 6861.
Bratosin,S. 634.
Bratosin,S. 2878, 4099, 4780, 6976.
Bratsslavskaya,O.I. 5122.
Bratt,M.A. 1320.
Braude,N.A. 4953.
Braun,O.H. 8182.
Braun,R.K. 2717.
Braun,W.E. 3742.
Brauniger,H. 5757.
Brautigam,A.R. 7980.
Braverman,S.W. 7470.
Braverman,Y. 510.
Brawer,L. 416.
Brawner,T. 1937.
Brawner,T.A. 2195.
Brayton,M.A. 3907.
Brazin,S.A. 6636.
Brcak,J. 7500.
Brdar,B. 3464, 7734, 8031.
Bredt,W. 7636.
Breen,K.J. 409.
Breese Hall,C. 901, 2400, 3261.
Breese,S.S.,Jr. 794.
Bregegere,F. 95.
Breindl,M. 5537.
Breinig, M.C. 529.
Breinig,M.C. 5766.
Breitburd,F. 2956.
Breithaupt,H.O. 2626.
Breitman,M.L. 5111.
Breman,G. 3760.
Breman,J.G. 1140, 3799.
Bremer,K. 3359, 3931.
Brennan,V. 1353.
Bres, P. 434.
Bres,P. 2629, 3811.
Bresler,S.E. 4861.
Breslow,R. 1785.
Breviglieri,J.C. 5923.
Brewer,G.J. 4169.
Breymann,H.-O. 3879.
Brezhnev,D.D. 3339, 7486.
Brian,D.A. 2129.
Briand,J.P. 788.
Briaux,S. 5591.
Bricaire,F. 8336.
Bricogne,G. 2132, 2811.
Bricout,F. 4263, 6511, 7183.
Bridgen,P.J. 7113, 7908.
Bridger,J.C. 1957, 2692, 4939.
Bridges,S.H. 5134.
Briehl,R.W. 6956.
Briendl,M. 5536.
Brigden,D. 6018.
Briggs,J.D. 381.
Briggs,M. 854, 2541.
Briggs,W.A. 3046.
Brilliant,L.B. 3258.
Brink,E.W. 277.
Brinker,K.R. 1143, 8232.
Brinkhof,J. 2499, 5836.
Brion,S. 1944.
Briouga,J. 6060.
Brisou,B. 2528.
Britton,S. 7981.
Brlansky,R.H. 4933.
Brock,T.D. 6830.
Brockett,R.M. 7042.
Brockhurst,R.J. 307.
Brockwell,J. 4195.
Brodersen,M. 6439.
Broderson,J.R. 6850.
Brodman, R. 233.
Brodsky,I. 6601.
Brody,A.R. 2725.
Brody,J.A. 4515.
Broeze,R.J. 7101, 7904.
Broitman,S.A. 7446.
Broker,T.R. 741, 6320.
Brolnitsky,O. 6683.
Bromley,P.A. 2126, 3680, 4133, 6860.
Broni,B. 4145.
Bronitki,Al. 921.
Bronkhorst,F.B. 1060.
Brook,I. 7272.
Brookfield, D.S.K. 400.
Brookman,R.R. 2997.
Brooks,B.R. 4366.
Brooks,J.E. 4084.
Brooks,J.G. 2659.
Brooksby,J.B. 3881.
Brot,N. 5518.
Broucek,J. 6361.
Broughton,C.R. 5687.
Brousse, G. 423.
Brouty-Boye,D. 4259, 7105.
Brouwer,J. 2802.
Brouwer,R. 1827, 2279.
Brown, E. 63.
Brown, K.H. 454.
Brown, K.S. 534.
Brown,A. 1026, 2486.
Brown,A.L. 5023.
Brown,A.M. 1582.
Brown,A.W.A. 8289.
Brown,D.C. 1853.
Brown,D.T. 2856, 3100.
Brown,E.G. 1980, 6939.
Brown,E.W. 1699.
Brown,F. 631, 652, 1372, 1440, 2192, 3588, 6208, 7494.
Brown,G. 6697.
Brown,G.A. 5225.
Brown,G.E. 1629.
Brown,H.R. 2733.
Brown,J. 7991, 7992.
Brown,J.C. 670.
Brown,J.P. 8128.
Brown,J.R. 6503.
Brown,K.D. 6558.
Brown,M. 134, 575, 7826, 8121.
Brown,N.C. 606.
Brown,N.L. 1361.
Brown,N.R. 2474.
Brown,O.W., III 3159.
Brown,P. 3272, 5483, 6723.
Brown,R.L. 5864.
Brown,S. 4879, 7823.
Brown,S.G. 7255.
Brown,S.I. 3178.
Brown,S.M. 3169, 5571, 6910.
Brown,S.T. 7275.
Brown,T.D.K. 1583.
Brown,T.T. 5692.
Brown,W.J. 1847, 2553.
Brown,W.R. 3052.
Brown,Z.A. 3174.
Browne,M.J. 7202.
Browning,K.S. 4690.
Brownlee,G.G. 4684.
Brownson,J.M. 4730.
Bruce-Chwatt,L.J. 6667.
Bruce,A.G. 716.
Bruck,C. 7230, 7995.
Brucker, G. 423.
Bruckner,G.K. 1231.
Bruckova,M. 4405.
Bruening,G. 4576, 4707, 6184.
Bruenn,J.A. 1353.
Bruesch,S.R. 5978.
Brugere-Picoux,J. 6737.
Brugge,J.S. 1496, 1497, 5109, 7222.
Brugh,M. 7158.
Brugh,M.,Jr. 2274.
Brugmans,M. 8126.
Brugo,M.A. 3271.
Brumfitt,W. 2068.
Brumpt,I. 5444.
Brun,A. 937, 2415, 7157, 7956.
Brun,G. 4188.
Brunel,F. 5598, 5599, 6902.
Brunell,P.A. 4285, 4984, 6856.
Brunet, M.R. 415.
Brunet,M.R. 4228.
Bruning,H.J. 5549.
Brunner,K.T. 8001.
Brunnthaler,F. 1682.
Bruns,M. 4990.
Brunt,A.A. 1302, 2072.
Brunvold,E. 3428.
Bruun,L. 525, 3291.
Bryan,C.S. 1087.
Bryan,E.R. 5200.
Bryan,J.A. 3816.
Bryans,J.T. 689.
Bryant, J.E. 225.
Bryant,D.W. 2114.
Bryant,M.L. 1373, 6218.
Bryceson,A.D.M. 1722.
Bryden,A.S. 1861.
Bryksina,L.E. 1832.
Bryson,D.G. 4533, 4534, 5325.
Bryson,V. 6171.
Bryson,Y.J. 5061.
Brzosko,W.J. 2668.
Bubbers,J.E. 1788.
Bubel,H.C. 3961.
Buchan, A. 373.
Buchan,A. 5009, 5465.
Buchanan,R.N.,Jr. 7257.
Buchanan Wollaston,V. 7054.
Buchanan,J.M. 2901, 3469.
Buchanan,J.S. 567.
Buchanan,R.A. 5060.
Buchatskij,L.P. 2021.
Buchatsky,L.P. 6370.
Buchbinder,M. 7561.
Buchel,D.E. 23.
Bucher,D.J. 3411.
Buchholz,H. 4447.
Buchman,T. 5454.
Buchman,T.G. 624.
Buchmeier, M.J. 61.
Bucholc,B. 4212.
Buck,C.A. 1769.
Buck,K.W. 93, 2213, 2214.
Bucke,D. 4532.
Buckler,C.E. 2320, 2321.
Buckley,M. 1134.
Bucknall,R.C. 3173.
Budai,J. 2377.
Budde,E. 7834.
Budell,J.W. 7275.
Budnitskaya,P.Z. 2079.
Budowsky,E.I. 6265.
Bueno,A. 3062.
Bueno,M. 3062.
Buffet Janvresse,C. 2588.
Buffet,C. 418.
Buffett,R.F. 5821, 7897.
Bugaev,B.M. 1548.
Bugarski,M. 2704, 8365.
Buge,A. 1944.
Buglioni,M.C. 6719.
Buhler, W.J. 397.
Buie,K.J. 2255.
Buimovici Klein,E. 7940, 7176.
Buitkamp,J. 3287.
Bujard,H. 2113, 3453.
Bukata,L.A. 4969, 8393.
Bukhari, A.I. 169.
Bukhari,A.I. 809, 810, 1556, 2221.
Bukholm,G. 5896.
Bukowski,J.F. 1951.
Bukrinskaja,A.G. 4944.
Bukrinskaya,A.G. 2907, 3474, 6275, 6276, 7092.
Bukva,V. 5259.
Bull,F.G. 6456.
Buller,R.M.L. 7525.
Bulman, G.M. 244.
Bunger,D. 2372.
Bunnang,T. 7351.
Burakoff,S.J. 2446, 3626, 4325.
Burbank,D.E. 6307.
Burch,D.E. 5887.
Burch,G.E. 2547, 4549.
Burck,K.B. 2877.
Burckhardt,G. 7573.
Burckhart,M.F. 6881.
Burdash,N.M. 1699.
Burdett,I.D.J. 6397.
Burdick,K.N. 7042.
Burducea,O. 5544, 6359.
Burech,D. 6622.
Burgasova,M.P. 894.
Burge,B.W. 7622.
Burge,W.D. 1889, 2654, 4712.
Burger,D. 7201.
Burger,K.J. 4082.
Burger,M.M. 1751, 1757.

Burgert,E.O.,Jr. 2399.
Burgess,G.W. 3861.
Burgett,S.G. 637.
Burgoyne,G.H. 4991.
Burguiere,A.M. 6511.
Burgyan,J. 4950.
Burkardt,H. J. 7627.
Burke,D. 74, 3465.
Burke,D.C. 1621, 2310, 7109, 7899, 7902.
Burke,D.S. 6680, 8205.
Burke,H.M. 1001.
Burke,R.L. 2780.
Burkhardt,E. 3862.
Burkhardt,R. 4227.
Burki,F. 2818, 2819, 4937, 6580.
Burlea,A. 1918.
Burleson,G.R. 5112.
Burlev,V.A. 3527, 4505, 4609.
Burman,C.J. 7898.
Burmester,B.R. 7152.
Burnet,F.M. 7640.
Burnett Smith,E. 5260.
Burnett,P.A. 2049.
Burnett,R.M. 649.
Burnette,W.N. 5133.
Burns,W.H. 1697.
Burnstein,T. 4920.
Burny,A 3124.
Burny,A. 2479, 4812, 7230, 7995.
Burr,J.G. 3469.
Burrell,C.J. 6007, 6391, 6432.
Burroughs,J.N. 652, 2192.
Burton,R.C. 6689.
Burtonboy,G. 1581, 1700, 1802, 1996, 1998, 3855, 4983, 5170, 6054, 7401, 7975, 8344.
Burtseva,L.I. 1412.
Busachi,C.A. 2539.
Busch,H. 4232.
Bush,J.W. 6312.
Bush,M.A. 7352.
Buss,D.H. 8273.
Busse,H. J. 2596.
Busse,M. 2237.
Bussereau,F. 4187.
Busuioc,C. 6695.
Butcher,R.W. 7212.
Butchko,G.M. 976, 3632, 4323.
Butel,J.S. 1534, 1800, 2210, 8046, 8130
Butenandt,A. 1318.
Butenko,A.M. 4476, 7357.
Butenko,Z.A. 1037.
Butiu,I. 1840.
Butler,D.G. 6775, 8359.
Butler,G. 1524.
Butler,P.J.G. 803, 4159, 5547, 7024.
Butovsky,P.M. 1224.
Butt,B.A. 3340.
Butter,N.S. 2057
Butterfield,W.K. 3545.
Buttner,W. 2887.
Buxton,A. 5395.
Buxton,D. 6096, 6742.
Buxton,R.S. 3508, 7842.
Buyer,R. 103.
Buynak,E.B. 5663, 7148.
Buyssehaert, M. 356.
Buywid,J. 7921.
Buzhievskaya,T.I. 6163.
Buzinschi,S. 4446.
Bychkova,E.N. 4561, 8393.
Bychkova,V.I. 3726.
Bye Hansen,A. 5666.
Bye,J.M. 7013.
Byerly,C.S. 6045.
Byers,M.J. 6916.
Byhan,O. 4149.
Bykovsky,A.F. 1109, 1597, 3109, 4944.
Bynum,T.E. 8327, 7326.
Byrd,R.B. 7946.

Cabarcos,A. 7192.
Cabasso,V.J. 918, 6481.
Cabau,N. 5963, 8275.
Cabibbo,C. 3248.
Caboche,M. 4827.
Cabral,G.A. 1103, 3533.
Cabrer, B, 1629.
Cabrer,B. 7101.
Cacciatore,L. 7279.
Cafinot,L. 2970.
Cahill,K.M. 1856.
Cahill,R.A. 3071.
Cairns,E. 754, 2910, 4110.
Cajal,N. 921, 1159.
Calafat,J. 67.
Calame,K. 1357.
Calberg Bacq,C.M. 2779, 3102, 6239, 6895, 7620, 7637.
Caldarella,E. 869.
Calder,J. 355.
Caldwell,P. 5518.
Calef,E. 2245, 5140.
Calegari,L. 1550.
Calello,M.A. 940, 6099.
Calendar,R. 7019.
Calhoun,D.H. 6398.
Caliguiri,L.A. 1513, 4850.
Calio Villani,N. 4039.
Calio,R. 4039.
Calisher, C.H. 431.
Calisher,C.H. 7592.
Callahan,G. 4300.
Callahan,R. 3368, 5130.
Callebaut,P. 2010, 2150.
Callen, J.P. 370.
Callender,G.O. 1090.
Calne,R.Y. 1060.
Calnek,B.W. 2960, 3054, 3118, 5036, 5797, 6751, 8068.
Caloin,M. 4004.
Calothy, G. 316.
Calvert,L.A. 8429.
Calvet,A. 6145.
Calvin,M. 5113.
Calvo,M. 517.
Camacho,A. 1759, 4152.
Camara,F.P. 4048.
Camargo,E. 2734, 5349, 6788, 7037, 7455.
Camargo,E.P. 6612.
Cameron,C.H. 6433.
Cameron,I.R. 2185.
Cameron,J.R. 4166.
Cameron,K.R. 1867.
Camicas,J.L. 2736.
Camilleri,J.P. 8258.
Campadelli-Fiume,G. 1449.
Campbell, R.S.F. 1219.
Campbell,A.E. 3751.
Campbell,A.I. 1286.
Campbell,C.B. 1114.
Campbell,C.H. 1585, 3545.
Campbell,D. 7825.
Campbell,D.A.,Jr. 3654.
Campbell,D.L. 1333.
Campbell,J.A. 3576.
Campbell,J.B. 4916.
Campbell,J.H. 5585.
Campbell,M. 6033.
Campbell,M.T. 994.
Campbell,R. 3886.
Campbell,R.N. 6799.
Campbell,R.S.F. 4629.
Campbell,R.W. 2070.
Campbell,S.G. 8349.
Campbell,W.F. 5102.
Campo,M.S. 2185.
Campos-Nieto,E. 6049.
Campos,D.,III 4140.
Campos,R. 6334.
Canaani,D. 7694, 7696.
Canaani,E. 5128.
Cancedda,R. 6155, 6339, 6994, 7740.
Candeias,J.A.N. 5923, 7068.
Candeias,N.M.F. 7068.
Candelas,J.A.N. 1861.
Canek,B.W. 3311.
Caner,J. 2457.
Canese,M.G. 8019.
Canivet,M. 1781, 6475, 7907.
Cannady,P.B.,Jr. 8241.
Cannizzaro,G. 2050.
Cannon,G.B. 967.
Cannon,M. 8202.
Canosi,U. 1562, 4900.
Cantell,K. 1609, 1633, 2992, 3570, 4265, 5654, 5656, 7117, 7122, 7920.
Cantelli,I. 1839.
Cantisani,A. 4333.
Cantoni,C. 991, 999, 5063.
Cantoni,G.L. 2474.
Cantor,H. 2446.
Cantwell,G.E. 8427.
Cantwell,J.M. 5787.
Cao,A. 5990.
Capen,C.C. 2497.
Capetanakis,J. 1167.
Caplan,L. 8204.
Capobianchi,M. 5138.
Caporale,E.P. 1723.
Caporaso,N. 6701.
Capozza,F. 3627.
Cappel,R. 2939, 6614, 7179, 8198, 8210, 8317.
Cappuccinelli,P. 8404.
Carabateas,P.M. 2454, 2455.
Caramelli,L. 5223.
Carballal,G. 968.
Carber,B. 1637.
Card,C. 3883.
Carda,K. 2389.
Cardenas-A,M. 642.
Cardiff,R. 4141.
Cardin,L. 4930.
Carey, A B. 519.
Carey,A.B. 5317.
Carey,N.H. 4834.
Cargnel,A. 869.
Caric-Lazar,M. 4752.
Carl,G.Z. 8397.
Carlassare,F. 5586.
Carleer,J. 4360.
Carleton Gajdusek,D. 3415.
Carley, J.G. 508.
Carley,J.G. 2070.
Carlisle,J.C. 8068.
Carlos Bernal,L. 2412.
Carlson,A.J. 7148.
Carlson,D.P. 740.
Carlson,J.H. 3281.
Carlson,P.S. 2790, 5379.
Carmichael,L.E. 8366.
Carmichael,G.P.,Jr. 7286.
Carmichael,G.G. 4659.
Carmichael,L.E. 8350, 3305, 4522, 7095.
Carner,G.R. 7464.
Carney,J. 3285.
Caron,M. 555.
Carp,R.I. 1742.
Carp,R.I. 3462, 6037.
Carpenter,C.R. 3081.
Carpenter,J.M. 6852.
Carpenter,P.L. 6832.
Carpenter,W.T. 2542.
Carpentier,N.A. 5033.
Carrasco,L. 2863.
Carrascosa,J.L. 4011.
Carrick,R.J. 1896.
Carrigan,D.R. 2016.
Carrillo L., R. 560.
Carroll,A.R. 153, 2904, 6358.
Carroll,D. 3853.
Carroll,R.B. 4611.
Carroll,R.C. 3854.
Carroll,T.W. 4235.
Carroll,W.M. 7300.
Carson,D.A. 3381.
Carstens,E.B. 6385.
Cartel,Y. 2583.
Carter, J.W. 380.
Carter,A:T. 2248.
Carter,B.J. 3958, 4093, 5496, 7690.
Carter,C.A. 4802, 6335, 7613.
Carter,H.A. 1752.
Carter,J.B. 4573.
Carter,T.H. 743, 4111.
Carter,W.A. 892, 1604, 2979, 4261, 6605, 7897, 7916.
Carthew,P. 1213, 2698, 2944, 2950.
Cartia,G. 5390.
Cartwright,S.F. 3279, 5019.
Cartwright,T. 4978.
Carvalho,R.P.S. 1056.
Carver, H.D. 431.
Carver,D.H. 2363.
Casagrande,J. 5135.
Casale,A. 1355.
Casals, J. 515, 538.
Casals,J. 2962, 3243, 3796, 3947, 4488, 5982, 6141.
Casazza,A.M. 4380.
Casciato,D.A. 3778.
Casella,E. 713, 3450.
Casey,G.A. 6103, 8413.

IRL©1975

Casey,R. 6245.
Cash,P. 11, 5473, 7743.
Cashman,J.S. 4754.
Casini,M.C. 5223.
Casjens,S. 1460.
Caslick,J.W. 4518.
Casoli,C. 100.
Caspar,D.L.D. 5478.
Caspary,L. 2721.
Caspary,W.J. 1522.
Casper,R. 6445.
Cass,I.M. 3006.
Cassai,E. 4606, 4791, 4877.
Cassells,A.C. 2033.
Cassiman,J.-J. 8126.
Cassingena,R. 304, 5773.
Cassity,T.R. 4053.
Castano, J.J. 78.
Castel, Y. 378.
Castel,Y. 1081, 1091, 5181.
Castellani Pastoris,M. 4890.
Castellano,A. 2653.
Castellano,G.A. 1587.
Castelletti,G.C. 3531.
Castets,M. 5238, 6482.
Castillo, C.J. 54.
Castillo,P.P. 4294.
Castles,J.J. 3698.
Casto,B.C. 4350, 8040, 8058.
Castro,A. 855, 891, 2548, 4408.
Castro,A.E. 1327.
Catala,F. 4135.
Catalfamo,J.L. 5114.
Cate,T.R. 974, 3090.
Cate,T.R.,Jr. 5683.
Cathala,F. 3272, 5295, 6723.
Cathala,H.P. 7392.
Cathcart,A. 8369.
Catlin,F.I. 2580.
Catlin,G.H. 4834.
Cato, B. 12.
Cattaneo,E. 2267, 3244, 4306, 6411.
Catterall,R.D. 1924.
Caul,E.O. 1981, 2575, 4038, 6647, 8381.
Cavalieri,F. 6475.
Cavalieri,R.L. 2338.
Cavanagh,D. 15, 1350, 1440, 7548.
Cavrini,V. 3104.
Cebrat,S. 4855.
Ceccarelli,A. 7405, 7420.
Cecchetti,M.G. 1746.
Cech,C.L. 2867.
Cedergreen,R.J. 4864.
Ceglecka-Tomaszewska,K. 1834.
Cei,L. 3607.
Celer,V. 3515.
Cenci,I. 1880.
Cendrowski,W. 466, 3847.
Center,M.S. 3985, 6928.
Centifanto,Y.M. 1698, 1891, 2719.
Cereda,P. 2267, 3244, 6411.
Cereda,P.M. 4306.
Cerf,R. 5488.
Cerhova,M. 5748.
Cerna,H. 148, 570.
Cernescu,C. 1191.
Cerny,J. 5044, 7178.
Cerny,L. 5610.
Cerottini,J.-C. 8001.
Cerra,F.B. 7949.
Cerutti,I. 7121, 7917.
Cervenka, J. 350.
Cesario,T. 7906.
Cesario,T.C. 1643, 6469.
Chabot,F. 2125.
Chaboud,D. 3181.
Chadha,K.C. 7114.
Chadwick,R.G. 1176, 4395.
Chae,C.-B. 734.
Chahuan,E. 5476.
Chai,T.-J. 1435, 4202.
Chairez,R. 2091.
Chakhmakcheva,O.G. 6292.
Chakhmakhcheva,O.G. 2169.
Chakrabarty,A.K. 6064.
Chakraborty,P.R. 5573.
Chakraverty,P. 2298.
Chakravorty,M. 711.
Chalapati Rao,V. 6008.
Challberg,M.D. 4112.
Chamberlain,B.K. 3445.
Chamberlain,R.N. 8278.
Chamberlin,M.J. 115, 2116, 6312.
Chambers,R.W. 4869.
Chambon,P. 121, 4105.
Champion,M. 2125.
Champness,J.N. 2811.
Champney,K.J. 4336.
Champoux,J.J. 7686.
Champsaur,H. 5671, 7993.
Chan,F.P.H. 8100.
Chan,H.W. 3982, 4873, 4874.
Chan,J.C. 3471.
Chan,K.H. 1438.
Chan,S.H. 5854, 5855.
Chan,S.K. 2518.
Chan,T.W. 6538.
Chan,V.F. 3187, 4317.
Chanas,A.C. 4942.
Chanchalashvili,Z.I. 70.
Chanda, J.J. 370.
Chanda,P.K. 3945.
Chandarkeo,T. 7511.
Chander,S. 3955.
Chandiramani,N.K. 6947.
Chandler, J.W. 366.
Chandler,F.W. 537.
Chandra,P. 6841.
Chandra,R.L. 8470.
Chandra, P. 566.
Chandy,K.G. 3749.
Chaney,W.G. 6299.
Chang, T.-W. 452.
Chang,C. 876, 1750, 3542, 4340.
Chang,C.N. 4844.
Chang,E.H. 1625.
Chang,G.T. 7695.
Chang,K.C. 1833.
Chang,K.S.S. 966, 5611, 5833.
Chang,P.-W. 2159.
Chang,R.J. 6055.
Chang,R.W.S. 8409.
Chang,T.-M. 3432.
Change,E.H. 7110.
Chanishvili,T.G. 94, 2238, 5517, 7043.
Chanock,R. 4496.
Chanock,R.M. 1860, 2577, 2728, 2734, 3228, 3789, 5175, 5349, 5683, 5684, 5882, 5985, 6416, 6502, 6788, 7037, 7455, 8228, 8229.
Chantler,J.K. 749, 1482, 5313, 5499.
Chany-Fournier,F. 1607.
Chany,C. 1607, 2973, 7121, 7917.
Chao,L. 2938.
Chao,R.K. 982.
Chapel,T. 1847, 2553.
Chapel,T.A. 8142.
Chapenko,S.V. 5122.
Chaplin, J.F. 553.
Chaplinskaya,S.M. 7639.
Chaplygina,N.M. 4034, 1369, 8057.
Chapman,A.L. 1058.
Chapman,V. 4058.
Chappel,W.A. 2249.
Chappell,J.A. 6487.
Chapple,P.J. 7487.
Chappuis,G. 3605, 5301, 5691, 7956.
Charbonnel,B. 1116.
Chardonnet,Y. 3065, 7527.
Charles, V. 387.
Charles,P. 5284.
Charlesworth,J.A. 1729, 3625.
Charley,B. 2437, 2443, 5704.
Charlin,R.E. 1936.
Charlton,K.M. 6103, 8413.
Charman,H. 5732.
Charman,H.P. 333, 1046, 2965.
Charmon,H.P. 4354.
Charmot, G. 352.
Charnay,P. 2914, 4192, 4858, 6222.
Charpentier,G. 851.
Charpin,N. 1455.
Charrier,F. 2622.
Chartorizhskii,N.A. 1865.
Chasey,D. 3279, 3684.
Chason,J.L. 5332.
Chastel,C. 1225, 4477, 4558, 5181, 6068, 7380.
Chateau,R. 1319.
Chatel,M. 7398.
Chatelain,J. 3231.
Chatelanat,F. 1125.
Chatelet,F. 7921.
Chater,K.F. 2248.
Chatis,P.A. 4705.
Chatterjee,S.N. 5386.
Chatterjee,N.K. 6987.
Chatterjee,S. 5188, 6876.
Chattopadhyay,B. 4509.
Chattopadhyay,S.K. 1814, 8122.
Chattoraj,D.K. 32.
Chaturvedi,U.C. 267, 426, 6522.
Chatziiosifidis,I. 6547.
Chaudary,S. 1095.
Chaudhary,P.G. 495.
Chaudhary,S. 1172.
Chaudhuri,A.K.R. 1911.
Chaudhuri,M. 6009, 7339.
Chauvaud,D. 4424.
Chauvin,C. 677, 7643.
Chavalittamrong,B. 8231.
Chavanich,L. 8223.
Chavez,E.R. 1206.
Chawareewong,S. 8223.
Cheam-U-Dom,U. 3194.
Chechulina,M.I. 2995.
Cheeseman,S.H. 2352, 7920, 8272.
Cheever,F.S. 5969.
Cheevers,W.P. 1393.
Cheigh,J.S. 7366.
Chekanovskaya,L.A. 26.
Chekova,V.V. 4750.
Chelliah,S. 2756.
Chelsky,M. 4468.
Chelyapov,N.V. 2095, 6340.
Chen,A.B. 2795.
Chen,C. 3338.
Chen,D.-S. 1913, 1917.
Chen,D.S. 6005, 6703.
Chen,H. 7970.
Chen,L.B. 308.
Chen,M.S. 5073, 6991.
Chen,T.-C. 705, 3448.
Chen,Y.-H. 1471, 4716.
Chenciner,N. 4606, 4791, 6309, 7701.
Cheng,Y. 131.
Cheng,Y.-C. 4117, 7726.
Cheong,C.Y. 3720.
Cheong,W.H. 4482.
Chepik,E.B. 7314.
Cherednichenko,Yu.N. 1145.
Cherepantseva,E.A. 3109.
Cherian,G. 3749.
Cherkashina,N.P. 7905.
Chermann,J.C. 2387.
Chernesky,M.A. 1267.
Chernetsov,Yu.V. 5984.
Cherney,C.S. 6328.
Chernick,V. 3733.
Chernos,V.I. 753, 7729.
Chernukha,Yu.G. 4486.
Cherry, J.D. 235.
Cherry,A. 7885.
Cherry,J.D. 3600, 4277, 6489, 8171.
Cherubin, C.E. 444.
Chervenick,P.A. 5832.
Cherynshov,V.I. 1330.
Chesebro,B. 4368, 5144.
Chesney,P.J. 2363, 5196.
Chesney,R. 2176.
Chesney,R.H. 4647.
Chess,S. 2579.
Chestier,A. 730, 3403.
Chettle,N.J. 4723, 8010.
Cheung,A.K.-M. 5597.
Cheung,K.S. 3621.
Chevance,L.G. 2015.
Chevion,M. 3492.
Chevlyagin,V.Ya. 3109.
Chew Lim,M. 5338, 6095.
Chew,T.S. 5855.
Chezzi,C. 5680.
Chiang,P.K. 2474.
Chiang,W.T. 3266.
Chiarantini,E. 5223.
Chiarugi,V.P. 8043.

Chiba,S. 1568, 8227.
Chiba,Y. 964, 3010.
Chichkova,N.V. 7563.
Chicko,A.W. 3920.
Chidambaram,M. 4030.
Chieco Bianchi,L. 1715.
Chien,D.Y. 3098.
Chien,L. 5298.
Chien,Y. H. 6217.
Chiengson,R. 6420.
Chigirinsky,A.E. 6110.
Chiko,A.W. 3930, 6800.
Childs,J.D. 2781.
Chin,G.N. 1169.
Chin,J. 1151.
Chin,T.D.Y. 6491.
Chinel,L.V. 3798.
Chinnadurai,G. 3457, 4698.
Chiodo,F. 3097, 5292.
Chiotan,F. 1420.
Chiou,J. F. 3777.
Chipley,J.R. 7830.
Chipping,P.M. 6018.
Chira,M. 3705.
Chiri,A. 5135.
Chirianni,A. 5999.
Chirico, G. 351.
Chirigos,M.A. 2356, 7914.
Chirikjian,J.G. 7746.
Chirillo,R. 3718.
Chiron,J. P. 6663, 6664, 8316.
Chisari,F.V. 3774.
Chisholm,M. 4978.
Chistova,L.V. 1730.
Chiswell,D.J. 11, 1502, 6343, 7595.
Chitravel,V. 5424.
Chiu,N. 4100.
Chiu,N.H. 735.
Chivers,D.J. 6842.
Chizhevskaya,V.I. 3109
Chizhov,N.P. 8036.
Chlumecka,V. 4737.
Chmela,J. 7428.
Cho,E.-K. 7505.
Cho,B.R. 3292, 7538.
Cho,C.T. 2253.
Cho,H.C. 4213.
Chod,J. 4575, 8435.
Chohan,J.S. 4582.
Choi,Y C. 531, 532
Choletskaya,E. 403.
Chomel,J.-J. 6482.
Chomel,J.J. 3181.
Chompsaur,H. 5924.
Chong,J. 6147, 8448.
Choppin,P.W. 1320, 1399, 2865, 5743, 6938.
Chorvath,B. 4355, 5110, 7077.
Chorvath,R. 3134.
Chou,I.-N. 2983.
Choudary,P.V. 123.
Choudhary,G.G. 5375.
Chousterman,S. 6911.
Chow,L.T. 741, 810, 1474, 6320.
Chow,M.B. 7579.
Chowdhary,B.L. 7200.
Chowdhury, A.M.A.K. 454.
Chowdhury,K. 4096, 7646.
Christen,Y. 3220.
Christensen, O.V. 1297.
Christensen,B.M. 8290.
Christensen,J.R. 6399, 7806.
Christensen,L.E. 5074.
Christensen,L.F. 997.
Christensen,N. 525.
Christensen,R.C. 82, 4307.
Christenson,B. 3147.
Christie,G.E. 4075.
Christie,R.G. 3928.
Christodoulopoulou,G. 6414.
Christoff,G. 3133.
Christoph,H.J. 3942.
Christopher, S. 387.
Christopher,S. 5208, 5247.
Christophersen,I.S. 4977.
Chroboczek,J. 1407.
Chrystie,I.L. 3719, 2624.
Chu,C.-T. 2097, 3960.
Chu,C.M. 4945.
Chu,H. 1529.
Chu,P.W.G. 4710.
Chu,R.M. 6094.
Chuden,H.G. 406.
Chudinov,A.A. 5926.
Chudinov,P.I. 1928.
Chudzio,T. 893, 1611.
Chumackov,P.M. 618.
Chumakov,K.M. 2786, 4800, 7612.
Chun,R.M.W. 5888.
Chung,Y.S. 2423.
Chunikhin,S.P. 5425, 7376, 8416.
Chupin,F. 1116.
Chupin,M. 1116.
Churchill,W.H. 7142.
Churdboonchart,V. 6420.
Chursin,V.I. 3213.
Chused,T.M. 6593, 8099.
Chutna,J. 5731.
Chuvirov,G.N. 3669.
Chuvpilo,S.A. 28, 2115.
Chvapil,M. 8397.
Chyle,M. 7861.
Ciampor,F. 1243.
Cianchetti,C. 5990.
Ciancioni,C. 909.
Ciannella,L. 3739.
Ciarla,M.V. 5746.
Ciavaldini,P. 7312.
Cichy,J. 6436.
Cifarelli,A. 6454.
Ciganekova,V. 8269.
Cihlar,R.L. 2816.
Cihula,J. 6546.
Cimino,T. 1850, 5218.
Cimprich, R.S. 327.
Cintado Bueno,C. 2592.
Cintorino,M. 8398.
Cioe,L. 1627, 7733.
Cioffi,R.F. 6650.
Ciorba,A. 7277.
Cissik,J.H. 7946.
Ciurea,V. 2507.
Civerolo,E.L. 1281.
Clague,R.C. 6050.
Clare,J.J. 4753.
Clark,A. 3597, 5345, 6497.
Clark,A.J. 5557.
Clark,C. 5196.
Clark,C.J. 5879.
Clark,D. 5149.
Clark,E.A. 7857.
Clark,G.M. 6491.
Clark,H.F. 6886, 6887, 7254.
Clark,J. 3180.
Clark,J.E. 4305.
Clark,J.M.,Jr. 4690, 4842.
Clark,M.F. 5623, 6445, 7874.
Clark,S.B. 1398.
Clark,T.B. 3905.
Clark,W.H., Jr. 3331.
Clarke,J. 5902.
Clarke,M. 6486.
Clarke,M.C. 1432.
Clarke,S.K.R. 1981, 6647.
Clausen, J. 458, 464, 465.
Clausen,P.P. 2538.
Clauwaert,J. 660.
Clavel,S. 6397.
Clavert,J.M. 7851.
Claviez,M. 1770.
Clayman,C.H. 2203.
Clayton,L.K. 4767.
Cleary,M.L. 7560.
Cleaver,J.E. 2883, 6906.
Cleaves,G.R. 7591.
Cleghorn,T.E. 2541.
Clem,L.W. 7968.
Clement,F. 1433, 6397.
Clement,J. 3526.
Clementi,M. 4471.
Clements, E. 330.
Clements,J.B. 3460, 6992.
Clements,J.E. 4822, 6733.
Clerx,C.M. 3476.
Cleuter,Y. 3124, 7995.
Clewley,J.P. 4884.
CLewley,J.P. 6212.
Clewley,J.P. 7592.
Clifford,H.T. 5384.
Clifford,R.E. 1920.
Clift,S. 2519.
Cline,B.L. 4428, 8291.
Cline,P.F. 5766.
Cline,S.W. 4643.
Cline,W.L. 3789.
Clinton,G.M. 4826.
Cliver,D.O. 1734.
Cloppet,H. 4425, 5865, 7056, 7057.
Clough,D.W. 1002.
Cloyd,M.W. 6591.
Cluff,L.E. 7492.
Cluxton,D.H. 1425, 2798.
Coackley, W. 481.
Coates,H.L. 2520.
Coates,V.C. 2085.
Cobb,W.A. 6624.
Cobo,L.M. 3839.
Coca-Prados,M. 3417, 7785.
Cochran,S.P. 1188, 1189, 1949.
Cochrane, A.M.G. 283.
Cochrane,A.M.G. 5940.
Cocito,C. 728, 4771, 7689.
Cockburn,W.C. 2369.
Cockerell,G.L. 1023.
Codd,A.A. 1895, 3263, 6085, 7509.
Cody,T.S. 4321.
Coello-Ramirez,P. 4474.
Coene,M. 728, 7689.
Coetzee,J.N. 4646.
Coetzee,W.F. 4646.
Coetzer, J.A.W. 488.
Coffaro,K. 5024.
Coffin,J.M. 2125, 4128, 4815, 7594.
Coggin,J.H.,Jr. 3664.
Coggin,J.H.Jr. 6585.
Coggins,L. 2678, 4137, 5732.
Coghill,N.F. 1920.
Cogniaux-Le-Clerc,J. 1600.
Cogniaux-Leclerc,J. 7179.
Cohen,A. 4397.
Cohen,B.J. 4395, 5749.
Cohen,G.H. 3710.
Cohen,H.A. 8201.
Cohen,H.I. 239.
Cohen,J. 4552, 7737.
Cohen,J.A. 6020.
Cohen,J.C. 4141, 4819, 4820, 5481.
Cohen,L. 6618.
Cohen,M.M. 6726.
Cohen,P.S. 109, 4831.
Cohen,R. 1235.
Cohen,S. 2060, 2746.
Cohen,S.N. 6921, 7137.
Cohen,S.R. 1951.
Cohen,S.S. 746, 6814.
Cohen,Y. 4351.
Cohn,D. 1854.
Cohn,M.S. 92.
Coignoul,F. 7401.
Coimbra,T.L.M. 1900.
Colamarino,E. 6550.
Colasuonno,G. 1880.
Colbere-Garapin,F. 5098, 5794.
Colby,C. 209, 4258.
Colby,M.S. 7902.
Colcher,D. 1395, 2500, 2501, 7253.
Cole,B.C. 2109.
Cole,C. 3990, 6201.
Cole,F.E.,Jr. 3585, 6503.
Cole,G.A. 1704.
Cole,M. 4421.
Cole,R.M. 2813.
Colillas,O.J. 6099.
Colin,J. 5288, 7380, 7555, 8434.
Collan,Y. 2546.
Collas,R. 3805.
Collavo, D. 270.
Collavo,D. 1715.
Collett,M.S. 1391, 4017, 4806, 5109, 7222.
Colletta,G. 7003.
Collie,M.H. 15, 1350, 7548.
Collier,A.M. 16.
Collingham,K. 8278.
Collins,A.P. 946.
Collins,A.R. 3966.
Collins,E. 2384, 3722.
Collins,E.R. 7517.
Collins,J. 163, 5549.
Collins,J.C. 2454, 2455.
Collins,P.L. 782.
Collins,W.M. 7228, 7229.
Colman,A. 7899.
Colnaghi,M.I. 8094.
Colobert,L. 2103, 5440.
Colombatti,A. 1639, 1715,

IRL©1979

7074.
Colombeau, M.-C. 368.
Colombo, A. 351.
Colombo,M. 869.
Colon,A.R. 4450.
Colonno,R.J. 778, 1376, 1377.
Colter,J.S. 4737, 5084, 6556.
Coltorti,M. 6701, 8310.
Combard,A. 2212, 7762.
Comeau,A. 2743, 2752, 7473.
Commoy-Chevalier,M.J. 2973.
Comoglio,P.M. 299.
Compans,R.W. 1394, 2804, 4722, 4825, 4832, 5435, 7100, 7624, 7754.
Compere,J.-F. 1098.
Comte-Devolx,J. 7393.
Condamine,H. 5792.
Condemi, J.J. 234.
Condie,R.M. 8331.
Condit,C. 7780.
Confalonieri,F. 1835.
Conklin,R.H. 4474.
Conley,M.P. 647, 4155.
Connell,E.V. 653.
Connelly,R.R. 5854.
Connor,D.H. 8469.
Connor,J.D. 5061.
Connor,R.W. 8200.
Conrad,J.L. 4286, 5260, 5298.
Conrad,M. 8322.
Conrad,M.E. 2996.
Conroy,J.D. 6094.
Consigli,R.A. 3985, 5526, 7014.
Constantinescu,N. 3548.
Constantinescu,O. 6569.
Conta,B.S. 1441.
Contamine,D. 3326.
Content,J. 212.
Conti,G.G. 3351, 5362.
Contieri,E. 4394.
Contrepois,M. 4552, 5336.
Contreras,A. 2863.
Contreras,G. 3227, 7144.
Contreras,M.F. 848.
Contreras,R. 3990, 7663, 7664.
Controni,G. 7272.
Converse,R.H. 6133.
Conway,E. 1752.
Coohill,T.P. 821.
Cook, A.W. 471.
Cook,A.W. 1180.
Cook,B. 1058.
Cook,D.A. 5604.
Cook,J.K.A. 5447.
Cook,J.L. 8054.
Cook,M.L. 5570, 8400.
Cook,P.D. 3651.
Cook,R. 3215.
Cook,S. 1082.
Cook,S.D. 3850, 7394.
Cookingham,C.A. 8349.
Cooley,W. 719.
Coombs,D. 4154.
Coombs,D.H. 621, 7706.
Cooney, M.K. 366.
Cooney,M.K. 1151, 6693.
Cooper,B.J. 4522, 8350, 8366.
Cooper,G.M. 768, 1014, 3121, 4139.
Cooper,J.A. 7655, 7730, 7731, 7902, 7903.
Cooper,J.I. 5398.
Cooper,L.B. 8051.
Cooper,L.Z 7176.
Cooper,L.Z. 7940.
Cooper,N.R. 3086.
Cooper,P.D. 3946.
Cooper,S. 3630, 4300.
Cooper,T.J. 8189.
Coovadia,H.M. 1721, 3635.
Copeland,N.G. 4139.
Copeland,T.D. 7615.
Coppey,J. 3380.
Corallini,A. 1746.
Corbeil,M. 5335.
Corbett,A.C. 7228.
Corbett,M.K. 1290.
Corda,R. 5990.
Cordell,B. 766.
Corey, L. 229.
Corey,L. 1083, 3070, 3266, 6609.
Coria,M.F. 1586, 4033, 4523, 8358.
Corman,J.L. 5293.
Corneillo,F. 2583.
Corneo,G. 771.
Corner,B.D. 1981.
Cornet,J.-P. 1230.
Cornet,J.P. 2736.
Cornet,M. 1319, 3790, 3803, 3951, 5977, 6113, 8298.
Cornu,C. 5659.
Cornu,G. 5917.
Cornwell,H.J.C. 1963.
Corral,E. 839.
Corrigall,W. 6742.
Cortese,R. 6894.
Corthier, G. 190.
Corthier,G. 1687, 2437, 3628, 5704.
Cosgrove,B.P. 1135.
Cosgrove,J.B.R. 2672.
Cosimi,A.B. 7920, 8272.
Cossari,A.J. 7139.
Cossart,Y.F. 5275.
Cossio,P.M. 968, 5340.
Costa,J. 3067.
Costanzo,F. 7341.
Coster,D.J. 3839, 8191.
Costin,C. 6690.
Costin,L. 1894, 3222, 7338.
Cotlier,E. 3177.
Coto, C.E. 539.
Coto,C.E. 940, 2768, 5506, 6878, 7543.
Cotter,S.M. 6584.
Cotton,E.K. 2659.
Couch,J.R. 2587.
Couch,R.B. 903, 5683.
Couchonnal,G. 8190.
Coudert,M. 2415, 7447.
Coulange,P. 3020, 3030.
Coulaud,J.P. 2642.
Coulepis,A.G. 572.
Coulson,A.H. 1946.
Coulson,A.R. 1361, 1362.
Coulson,B.D. 5696.
Coume-Marquet,S. 2511.
Coumes Marquet,S. 1049.
Counts,G.W. 1919.
Coup,A.J. 1265.
Coupin,G. 5649.
Courouce-Pauty,A.M. 1574, 1596, 2276.
Courouce,A.-M. 6661.
Courouce,A.M. 909, 5995.
Coursaget,P. 8267, 344, 1062, 2299, 3153, 3603, 3773, 4453, 5006, 5688, 5946, 8311.
Court,D. 3488.
Courteille,G. 3761.
Courtieu,A.L. 2241.
Courtney,R.J. 1480.
Courtois,D. 1136, 3519, 3835.
Courtois,G. 6907.
Cousaget,P. 8316.
Cousin,C. 819.
Cousin,H.K. 1186.
Coutel,Y. 2599.
Coutinho,W.G. 1342.
Coutts,R.H.A. 556.
Couture,E. 155, 791.
Couture,R.A. 3639.
Couturier,M. 5558.
Coverdale,D.R. 1203.
Coverolo,E.L. 7467.
Cowan, J.A. 169.
Cowan,K.M. 1388, 2961.
Cowen,B. 3311.
Cowie,A. 3983, 4095.
Cowling,E.B. 8474, 8475.
Cowling,E.G. 8476.
Cox,D.C. 1337.
Cox,J. 4743.
Cox,J.H. 919, 7944.
Cox,N.J. 1481, 7768.
Coz,J. 6113.
Cozzarelli,N.R. 4085, 4204.
Crabbs,C.L. 6503.
Cradock-Watson,J.E. 6422.
Craig,E.A. 740.
Craig,J.W. 213, 6648.
Craig,N.L. 2220.
Craig,R.M. 5902.
Craighead,J.E. 2725, 4402.
Crain,C.R. 3899.
Cram,L.S. 592.
Cramer,W.N. 1889.
Crandell,R.A. 6089.
Crane,J.L.,Jr. 7896.
Craske,J. 3208.
Craven,C.E. 224.
Craven,R.B. 2634, 3246.
Crawford,A.M. 193, 3909, 7826.
Crawford,C.L. 5553.
Crawford,D.H. 3173.
Crawford,E.M. 1176.
Crawford,L.V. 4014, 6234.
Crawford,R.J. 1650.
Crawford,T.B. 1393, 7997.
Credaro,C.N. 8021.
Creemers,P. 5836.
Crees,M. 5260.
Cremer,K.J. 4876.
Cremer,N.E. 1566, 1567, 3967.
Cremers,A.F.M. 1413.
Cremieux,G. 3024.
Crepin,M. 1795, 7005.
Crespo,J.H. 4399.
Cretescu,L. 3093.
Crew Brown, H. 365.
Crick,J. 3588.
Crifo,S. 5685.
Crippen,G.M. 6248.
Cristau,P. 5941, 6666.
Cristofalo,V.J. 3367.
Crittenden,L.B. 5799, 8078, 8079, 8081, 8090.
Crivelli,O. 1828, 6440, 8016, 8019.
Croal,A.E. 7304.
Crocchiolo,P. 1877.
Croce,C.M. 582, 7967.
Croffs,M.A.J. 5194.
Crofton,J.W. 355.
Croissant,O. 8144.
Croizier,G. 3904.
Croker,B.P. 6772.
Crombie,I. 134.
Cronan,J.E.,Jr. 6961.
Crooke,S.T. 6897.
Crooks,A.J. 5608.
Cropp,C.B. 537, 4556.
Crosby,C.R.,III. 2142.
Cross,A. 2697.
Cross,J.H. 394, 1864, 2625, 5922, 6645.
Crosse,J.E. 182.
Crovari,P. 4231.
Crow,T.J. 5182, 5883, 5884.
Crowell,R.L. 6677.
Crowl,R.M. 2915.
Crowther,J.R. 4215.
Cruchaud,A. 1125.
Crumpacker,C.S. 4305, 7382.
Crumpton,W.M. 1378.
Crusberg,T.C. 8309.
Cruttenden,V. 877.
Cruz,J.R. 952.
Cseke,Cs. 4732.
Csonka,E. 6730.
Csontos,L. 3278, 3309.
Cuatrecasas,P. 3679.
Cuillel,M. 6372.
Cukor,G. 394, 1864, 3627, 4913, 6645.
Cullen, G.A. 217.
Cullen,G.A. 1649, 5700.
Cullen,M.H. 7297.
Cullens, H. 284.
Culp,L.A. 303, 3115.
Cumakov,I.M. 3995.
Cummings,G.T. 3404.
Cummings,J.E. 4997.
Cummins,J.M. 6478.
Cummins,J.N. 2027.
Cummins,K.L. 467.
Cundliffe,B. 6477.
Cunliffe,H.R. 2821, 5762.
Cunningham,C.H. 3948, 1352.
Cunningham,P. 4624.
Cunningham,R.P. 5448.
Curran,W. 6865.
Curran,W.L. 1520, 7526.
Currier,R.W. 8290.
Curry,J.L. 3071.
Curry,R.H. 7010.
Curtis,A.C. 7364.
Curtis,R. 3053.
Cury,V.L. 4922.
Cusack,K.P. 5515.
Custead Jones,S. 1026.
Cuthbertson,J.C. 6061.

Cutler,R.G. 1032.
Cutlip,R.C. 4531, 7456, 8358.
Cuttner,J. 7.
Cutz,E. 6775, 8189.
Cuzin,F. 2462, 2880, 6562.
Cybinski, D.H. 508.
Cybinski,D.H. 1203, 3301, 3868, 6745, 7429.
Cysyk,R.L. 761.
Czapski,G. 3492.
Czegledhy,J. 6515.
Czelleng,F. 5697.
Czlonkowska,A. 466.

D'Agnolo,B. 6722.
D'Agostino,F. 6706.
D'Agostino,G. 3352.
D'Alessandro,F. 1154.
D'Alessio,D. 5245.
D'Alisa, R.M. 197.
D'Alisa,R.M. 2082.
D'Ambrosio,E. 7293.
D'Amelio,R. 5746.
D'Amico,G. 7368.
D'Aprile,P. 7532.
D'Aprile,P.N. 5572.
D'Arca,S.U. 424.
D'Auriol,L. 8072.
D'Elia,S. 3821.
D'Halluin,J.-C. 819, 3418.
D'Obrenan,P. 4737.
D'Souza,M.B. 3079, 5039, 6418.
D'Yachenko,A.G. 5479.
Da Graca,J.V. 2034, 2035.
Da Rocha Campos,A. 6612.
da Silva,L.C. 6612.
Daams,J.H. 1779, 3129.
Dabek, A.J. 78.
Dabrowski,Z. 2639.
Dahl,H. 2307.
Dahl,H. H.M. 4818.
Dahl,M.C. 3783.
Dahlberg,J.E. 5815, 7753.
Dahling,D.R. 5225.
Dahlquist,E. 3829.
Dahmen,E. 2637.
Daillie,J. 2888.
Dainiak,N. 6584.
Dal Canto,M.C. 3429, 6778, 6779, 7546, 7787.
Dale,J.L. 6198.
Dalen,A. 1545.
Dales,S. 5501, 6930, 7818.
Dalgard,D.W. 2728.
Dalon Brown,G. 625.
Dalrymple,J. 4720.
Dalrymple,J.M. 8410.
Dalton,B.J. 5640.
Dalton,H. 3152.
Dambaugh,T. 4118.
Dambly,C. 5555.
Dambrine, G. 316.
Dambrine,G. 4356, 4357.
Damel,A. 1638.
Damilomo,A.J.de 8335.
Dammin,G.J. 1856.
Damonte,E.B. 940, 2768, 6878.
Dan,P. 3066.
Dance,M.C. 6824.
Dandawate,C.N. 4619, 5256.
Danelyan,G.A. 5479.
Daneo,L.S. 5427.
Dangschat,H. 8360.
Daniel,M. 3302.
Daniel,M.D. 1009, 5625, 7952.
Daniel,P. 7937.
Daniel,R.W. 873.
Daniel,S. 3634, 7185.
Daniel,V. 724, 5548.
Danielova,V. 3242, 3889, 5257, 5259.
Daniels,C.A. 2100, 5028, 7169.
Danis, M. 423.
Danner,K. 2275, 5992, 7126.
Danrigal,A. 1072.
Daoud,K.S. 3812.
Daoust,P.Y. 1210.
Darai,G. 583, 6912.
Darbyshire,J.H. 13, 3567, 5447.
Darcel,C. le Q. 1765.
Dardanoni,L. 7368.
Darling,T.L. 4807.
Darlington,R.W. 2144, 6180.
Darlix,J.-L. 2126, 3680, 6860.
Darlix,J.L. 4133.
Darnell,J.E. 1477, 4786.
Darnell,J.E., Jr. 4665, 4783.
Darnell,J.E.,Jr. 4107, 6326, 6982, 7705.
Darnis,F. 6661, 7390.
Darougar,S. 4404, 4410.
Darzynkiewicz,Z. 5825.
Das,H.K. 7796.
Das,J. 2812.
Das,P.K. 5269.
Das,S. 319.
Das,S.K. 3864.
Dasgupta,A. 7735.
Dasgupta,B. 711.
DasGupta,C. 5448.
Datta,A.K. 4387.
Datta,S.K. 1031.
Dattagupta,N. 4642.
Dau,P.C. 7176.
Daubeny,H.A. 2044.
Daubert,S.D. 4707.
Daubney,G.A. 1349.
Dausman,J. 5537.
Dauwalder,M. 6965.
Davelaar,F.G. 5725.
Davenport,F.M. 1906, 4492.
Davey,M.W. 4566.
David,C. 2701.
David,D.S. 7366.
David,H.L. 1433, 6397, 8328.
Davidsen,J. 3826.
Davidson, M.W. 295.
Davidson,I.W. 1108.
Davidson,N. 613, 2137, 2480, 6217, 7611.
Davidson,R.L. 7715.
Davies, F.G. 265.
Davies,C.E.A. 4217.
Davies,D.P. 3753.
Davies,F.G. 1985, 2962, 3298, 3606.
Davies,H.A. 2128.
Davies,H.W. 4624.
Davies,J. 1856, 2565.
Davies,J.A. 1264.
Davies,J.C.A. 4437.
Davies,J.G. 5905.
Davies,J.R. 2401, 8278.
Davies,J.W. 2810, 2908, 7775.
Davies,R.W. 23.
Davion,M. 7287.
Davis,A.R. 1431, 5433, 7600.
Davis,C.L. 2954.
Davis,G.E. 4462.
Davis,J.M. 3167.
Davis,J.R. 3005.
Davis,J.W. 6491.
Davis,K.R. 3167.
Davis,L.E. 6765, 7214, 7288.
Davis,L.R.,Jr. 7114.
Davis,N.L. 4683.
Davis,R.W. 807, 4166.
Davis,W.B. 3884.
Davison,A.J. 622.
Davison,J. 5598, 5599, 6279, 6902.
Davisson,P.B. 7249, 8103.
Davranov,K.S. 7469.
Davydova,A.A. 8393.
Dawe,P.S. 3610.
Dawes,J. 4031.
Dawes,K.P. 4006.
Dawson, A.McL. 246.
Dawson,J.R.O. 1443, 4838, 7625.
Dawson,P.J. 8111.
Dawson,W.O. 829, 1515, 4147, 4150.
Day, M. 563.
Day, R.E. 549.
Day, R.S., III 174.
Day,E. 8193.
Day,N.E. 1055.
Day,N.K. 8160.
Day,R.S.,III 7813.
Dayal,S.G. 6637.
de Abreu Sacchetta,L. 1900.
de Araujo,R. 4557.
De Bac,F. 3729.
de Barros Fonseca,F. 4230.
De Boer,G.F. 8380.
De Bokx,J.A. 4931.
de Bouck,P. 1972.
de Bracco,M.M.E. 968.
de Braekeleer,J. 2939.
de Bruijn,F. 169.
de Bruijn,B.M. 1674.
de Bruijn,F.J. 809.
De Bruyere,M. 5917.
De Buysscher,E.V. 7991, 7992.
de Campos-Salles,B. 7836.
de Carlo,R. 6701.
de Carvalho,F.G. 1066.
de Castro Gomes,A. 3781.
De Clercq,E. 296, 1000, 1740, 2311, 2341, 3105, 7912, 8039.
de Crombrugghe,B. 1017.
de Cuyper,F. 6614, 2939.
de Fazio,G. 2457.
De Flora,S. 4231.
de Fusco, R. 445.
De Gast,G.C. 3623.
De Giuli-Morghen,C. 7532.
de Groot,B. 815.
De Groote,J. 1124.
de Harven,E. 7533.
de Jong,J.C. 1841, 3200.
de Kreek,P. 6100.
de la Fuente,C. 1127, 6712.
de la Maza,L.M. 3958, 4093.
de la Pena,N.C. 1638.
de Labarthe,B. 1072.
De Lalla,F. 2540.
de Lalun,E. 2076.
De Larco,J.E. 1793.
de Leeuw,P.W. 5603, 5612, 3608, 4987.
de Lencastre,H. 5593.
De Ley,M. 1618.
de Lima,O.S. 3580.
De Lumley, L. 368.
de Lustig,E.S. 1638.
De Maeyer,E. 7103.
De Maeyer-Guignard,J. 2343.
De Maeyer,E. 2343.
de Mattos,I.G. 2628.
de Micco,P. 3184, 6175, 6176, 6177, 6877, 7393.
de Mogollon,E. 4274.
De Montis,G. 2568.
de Noronha,F. 2367, 2489.
de Oliveira e Silva,A. 6612.
de Oliveira,R.L. 2017.
de Palo,G. 1804.
De Placido,S. 4394.
De Plaen,J.-L. 1160.
de Rautlin de la Roy,Y. 5238.
De Rick,A. 5302.
de Ritis,F. 6454, 7279.
de S.Carvalho,R.P. 1216.
De Saxe,M.J. 834.
De Schepper,J. 5302.
De Smet,L. 4865.
De Somer,P. 1639, 7912, 8039.
de Souza Lopes,O. 1900.
de Souza-Lopes,O. 2707.
de Stasio,A. 8030.
de Steensma,H.Y. 1413.
de-The,G. 851, 7174.
de Torres,R. 517, 6334.
de Vaux Saint Cyr,C. 5093, 3111, 5781.
de Vaux Saint-Cyr,C. 1691.
de Vaux St. Cyr,C. 7970.
De Vito,D. 7359.
De Vos,V. 6750.
De Vries,J. 7728.
de Vries,R.R.P. 959.
De Waard,A. 6909.
De Wijs,J.J. 6158, 6823.
De Wit, J.L. 66.
de Witt,J.L. 4709.
De Wyngaert,M.A. 4092.
de Zoeten,G.A. 7652, 2742.
de-The,G. 1055, 3149, 4392, 5032, 7984.
de-The,G.B. 5854.
De,B.K. 1431, 5433.
Dea,P. 2456.
Deak,G. 2607.
Dean,A.G. 1055.
Dean,D.H. 1560, 6844.
Dean,J.H. 967.
Dean,J.L. 6139.
DeAngelis,C.J. 5909.
Deans,R.J. 6193.
DeArmon,I.A. 7113.
Deb,J.R. 2424.
Debabov,V.G. 4.
DeBacker,L.J. 2664.

IRL©1979

Debbia,E. 1549, 1550.
DeBenedictis, T.J. 338.
Deblois,R.W. 1425, 2798.
Debov,S.S. 94, 2238, 5517, 7043.
Debski,R. 2668.
Dechairo,D.C. 4592.
Decker, J.L. 232.
Decker,J.L. 6675.
Decker,R.H. 6429.
Decleve,A. 321, 1791, 2083, 3131.
DeCourcy,S.J.,Jr. 1801.
Dedek,L. 1205.
Dedenroth Hansen,T. 3508.
DeFabritus,A.M. 7366.
Defawe,G. 7312.
Defendi,V. 3386, 4970, 6980.
DeFoliart, G.R. 516.
DeFoliart,G.R. 4565.
Degallier,N. 6069.
Degener,A.M. 7733.
Degle,I. 2237.
Degre,M. 2971, 5896.
Degregorio,J.P. 3611.
DeHaan,R.L. 4613.
Dehne,H.-W. 6825.
Deho,G. 4079.
Dehtjarenko,V.I. 4064.
Deibel,R. 4536.
Deichman,G. 5791, 6567.
Deichman,G.I. 1004.
Deign, E.F. 288.
Deinhardt,F. 1396, 4329, 4703, 5402, 6429, 6439, 7222.
Deinhardt,F.W. 451.
Deitch,A.D. 2492.
Dekegel,D. 2479, 2946, 3283, 6741, 7431, 7995.
Dekel,L. 4761, 4894.
Dekeyel,D. 7230.
Dekeyser,T. 3780, 6660.
Del Mundo,F. 4317.
del Vecchio-Blanco,C. 8310, 6701.
Delage,G. 6646.
Delagneau,J.F. 777.
DeLarco, J. 86.
Delasnerie,N. 1945.
Delauche,M. 7921.
Delbecchi,L. 6321.
Delbos,R. 4692, 6124.
Delclos,K.B. 8089.
Delem, A. 192.
Delente,J. 7085.
Delforge,J.L. 3060.
Delgado,H.Ch. 4274.
Delihas,N.C. 3783.
Delimbetova,G.A. 2799.
Delius,H. 2113.
Dell'Aria,V. 3739.
Della Torre,G. 1804, 8094.
Della-Porta,A.J. 7494.
Delon, P.J. 435.
DeLong,D.C. 4337.
DeLong,S. 4058.
Delons,S. 909.
DeLorbe,W. 7709.
DeLorbe,W.J. 6986.
Deloria,L.B. 897.
Delstanche,M. 5555.
Delu,A. 1119.
DelVecchio,V.G. 8428.
DeMarchi,J.M. 625.
DeMartini,J.C. 1995, 5634, 6524.
Dementiev,I.V. 5747.
Demidova,S.A. 3089, 5263.
Demond,M.M. 2580.
Dempsey,W.B. 3446.
Dempster,G. 5604, 7943.
Demsey,A. 5546.
Demski,G. 917.
den Ottolander,G.J. 8159, 8137.
Denarie,J. 7800.
Denes,A.E. 1162.
Deng,C.-T. 47.
Deng,I.M. 3801, 3803.
Denham,E.M.H. 4530.
DeNicola,L.K. 5916.
Denis,F. 6663, 6664, 8316.
Denis,J. 1101, 4424, 7289, 7390.
Denisenko,L.N. 5172.
Denisenko,O.Yu. 6552.
Denk,H. 5620.
Denloye,A.O. 644.
Denman,A.M. 382.
Dennett,D.P. 7959.
Dennin, R.H. 392.
Dennis,E.A. 5982.
Dennis,J. 2942.
Dennis,M.J. 245.
Dennis,W.H.,Jr. 6228, 6714.
Denny,F.W. 4495.
Denoya,C.D. 55.
Denoyel,G.-A. 5865.
Denoyel,G.A. 4425, 7056, 7057.
Dent,P.B. 6566.
Dentico,P. 1161, 1883, 1885, 2644, 7082.
Denys,A. 990.
Deobagkar,D.N. 322, 2800.
DePamphilis,M.L. 120, 2182, 3394.
DePauli,F.J. 1211.
DePena,M.E. 2955.
Deppert,W. 3539, 4343.
Der,C.-L. 3438.
Deragna,S. 5724, 5980.
Derbyshire,J.B. 1348, 1980, 2069, 2135, 2411, 5335, 6415, 7633, 7889.
Derecka,K. 2668.
Derer,M. 1130.
Derge,J.G. 1025.
Deria,A. 2616.
Dermietzel,R. 6001, 6713, 8024.
Derrick,K.S. 4933.
Derzsy,D. 240.
Des Termes,H. 7273.
Desai,H.N. 978.
Desai,N.J. 1156.
Desai,S.M. 611.
Desbiens,N.A. 3746.
Descamps,J. 296, 1000, 1740, 8039.
Deseda-Tous,J. 3600.
DeSimone,P.A. 1092.
Desmet,G. 1578, 2953.
Desmyter,A. 5558.
Desmyter,J. 1825, 2351, 8163.
Desrosiers,R. 1629.
Desrosiers,R.C. 7112.
Desselberger,U. 1003.
Destaing,F. 3018, 3028.
DeStefano,E. 7442.
Destree,A.T. 2483.
Desyatskova,R.G. 2581.
Detels,R. 1946.
Dethlefs,J. 2554.
Dethmers,J.K. 1732.
Dettori,G. 5680.
Deture,F.A. 1891.
Deutsch,O. 3083.
Deutsch,V. 4188.
Devare,S.G. 2228, 3498, 4186.
Devens,B. 3083.
Devergne, J.C. 561.
Devergne,J.C. 2759, 4930, 7503.
Deville,J. 3015.
Devlin,R.G. 3857.
Devos,A. 7151.
Devos,R. 7663, 7664.
Dewitt,W.F. 938.
Dexter,D.L. 1799.
Deykin,E.Y. 7317.
Dhaduti,S.G. 6115.
Dhaese,P. 6232.
Dhar,B. 3944.
Dhar,R. 125, 3978, 7581.
Dhar,S. 7200.
Dharmalingam,K. 7684, 7685.
Dharsana,R. 1206.
Dhennin,L. 2415.
Dhillon,S.S. 5621, 5622.
Dhir,G.G. 5237.
Di Felice,G. 3125.
Di Girolamo,D. 5140.
Di Marco,A. 4380.
Di Mauro,G.B. 5672.
di Mayorca,G. 3980.
Di Nola,F. 3734.
Di Trani,L. 3607.
Diachun,S. 4579, 8441.
Diacumakos,E.G. 679.
Diakhate,L. 5272.
Diamandopoulos,G.Th. 6564.
Diamane,A. 4274.
Diana,C. 4079.
Diana,G.D. 2454, 2455.
Diana,S. 1726, 4330, 8255.
Dianoux,L. 1781.
Dianov,G.L. 614, 6197.
Dianzani,F. 2065, 2309, 2332, 4260.
Dias,L.B. 4557.
Diaz-Ch,A.J. 642.
Diaz-Jouanen,E. 6038.
Diaz-Ruiz,J.R. 2745, 7503.
Diaz,A. 1638.
Diaz,A.M.O. 2268, 2419.
DiCapua,R.A. 6242.
DiCioccio,R.A. 150, 776, 4143.
Dick,G. 3852.
Dickerman, R.W. 538.
Dickerman,H.W. 6987.
Dickerson,P.E. 1443.
Dickerson,W.A. 8421, 8426.
Dickinson,A.G. 1948, 2676, 5296.
Dickson,C. 4051, 4818.
Dickson,E. 2039.
Dickson,L.R. 1540, 7010.
Dickson,R.C. 647.
Diebolt,G. 5272.
Diebolt,G. 3153.
Dieckhofer,K. 6488.
Dieckmann,U. 4250.
Diefenthal,W. 6285.
Diehl,P. 7841.
Diehl,V. 579, 6871, 8064.
Dien Peron,J. 7398.
Diener,T.O. 786, 2837, 5397.
Dieng,P.Y. 5977.
Dienstag, J.L. 444.
Dienstag,J.L. 1128, 1157, 2635, 3643, 5994, 7196.
Dierschke,R. 2372.
Diet,N.H. 2098.
Dietemann,J.L. 369.
Dieterle,R. 6277.
Dietrich,C.P. 8043.
Dietrich,M. 3763, 3766, 4433.
Dietrichson,O. 4332.
Dietz,M. 3689.
Dietz,W.H.,Jr. 8230.
Dietzschold,B. 2264.
Diggelmann,H. 2218, 4821, 6342.
Digoutte,J.-P. 6069.
Dijkmans,B.A.C. 6024.
Dijkstra,J. 4581, 7501.
Dikov,I. 8203.
Dill,G.S., Jr. 1255.
Dille,B.J. 7546.
Dilovski,M. 3514.
Dimattina, M. 174.
Dimic,E. 5007.
Dimitracopoulos,G. 3502, 4060.
Dimitrakakis,M. 2643, 3827, 3828, 4499, 8315.
Dimitrikakis,M. 6698.
Dimitrov,D.H. 4667, 7585.
Dimmock,C.K. 5803.
Dimmock,N.J. 1378, 6408.
Dimonte,D. 1880.
Dimpfel,W. 7531.
Dimpfl,I. 7234.
Dina,D. 7757.
Dinowitz,M. 5734.
Dinter, Z. 527.
Diodati,G. 1728.
Diogo Maghado,R. 7059.
Dioguardi,N. 1119, 1877.
Dion,A.S. 2526, 7619, 7621.
Diosi,P. 1840, 2146.
DiPaolo,J.A. 4350, 8040.
DiPersio,L. 5775.
Dirckze,C.D. 7838.
Dishler,A. 696, 697.
Dishler,A.V. 4068.
Dishon,T. 849.
Diters, R.W. 493.
Dittmar,K.E.J. 6157.
Dittmar,K.J. 58.
Dittrich,H. 7322.
Dittrich,J. 2610.
Dityatkin,S.Y. 4898.
Dixon,C. 8428.
Dixon,F.J. 6772.
Dizon,J.J. 3233.
Djachenko,N.S. 948.

Djeu,J.Y. 7915.
Djiekpor,E.K. 3342.
Djojodibroto,R.D. 4429.
Djordjevic,Z. 3579.
Djuarti,W. 8293.
Djupesland,G. 5896.
Djurisic,S. 8037.
Dmitrieva,T.M. 4122.
Dmochowski,L. 4381.
Do Carmo Lagrota,M.H. 6607, 6669, 7059.
Dobberstein,B. 5545.
Dobkin,C. 712, 6308.
Dobos,M. 3066.
Dobos,P. 7737.
Dobrev,I. 6668.
Dobrokhotov,B. 3870.
Dobrov,E.N. 7790.
Doceva,A. 6668.
Docherty,J.J. 133, 5848.
Docquier,C. 1160.
Docquier,C.E. 5033.
Dodd,P.A. 1920.
Dodd,R.Y. 986, 4233.
Dodson,W.E. 7397.
Doehmer,J. 5537.
Doel,T.R. 631.
Doerfler,W. 127, 4110, 4790, 6325, 6985.
Doerr,H.W. 7862.
Dogaru,D. 1706.
Dohan,P. 2519.
Doherty, P.C. 272.
Doherty, R.L. 508.
Doherty,P.C. 973, 1718, 5038, 5741.
Doherty,R.L. 2070.
Dohner,D. 3997.
Dohner,L. 2232, 2793, 2806, 3525, 3633, 4227, 4250.
Doig,D. 4368.
Dolan,A. 7597.
Dolberg,D. 4352.
Dolder,H. 5351.
Dolei,A. 1627.
Dolen,J.G. 7897.
Dolezalova,B. 924.
Dolgatschewa,J.M. 1766.
Dolgopolova, M.F. 349.
Dolin, R. 232.
Dolin,R. 1703, 2578, 3748, 5881, 6514.
Dolja,V.V. 2131, 6224.
Doller,E. 2763.
Dollet,M. 2155, 6808.
Dolphin,R.E. 3293.
Domdey,H. 6247.
Domenici,R. 1876.
Dominick,H.C. 4427.
Dommergues,Y.R. 8471.
Domok,I. 6833.
Domorazkova,E. 927, 975.
Domotor,J.J.,Jr. 6596.
Domrow,R. 2070.
Donahoe,R.M. 7994.
Donaldson,A. 1148.
Donaldson,D. 5579.
Donelson,J E. 1324, 4151, 6972.
Donets,Yu.I. 2235.
Doniach,D. 5688.
Donis Keller,H. 3399.
Donisi,E. 8310.
Donnell,H.D.,Jr. 4282.
Donnenfeld,H. 1182.
Donnes,C. 8372.
Donoghue,D.J. 46, 7004.
Donoso,S. 1127.
Donsky,A.J. 6023.
Doolittle,R.F. 6448.
Dopheide, T.A. 205.
Dopheide,T.A. 4955.
Dopheide,T.A.A. 3559, 4024, 7098.
Dor,J.F. 3024.
Dorberger,G. 3950.
Dore-Duffy,P. 683.
Dorfman,L.J. 467
Dorlhiac,P. 6712.
Dorman,J.M. 3747.
Dormeyer,H. 8319.
Dornberger,G. 3996, 6209.
Dorosz,J.A. 1587.
Doroszkiewicz,W. 6405.
Dorries,K. 3277.
Dorsett,P. 2947, 4905.
Dorsett,P.H. 8088.
Dorsey, D.C. 427.
Dorsey,D.C. 8290.
Dorward,W.J. 1989.
Dosik, H. 218.
Dosik,H. 1652.
Dosmar,M. 713, 3450.
Dossetor,J. 1722, 5184.
Dossetor,J.F.B. 3719.
Dostal,V. 8059.
Dostalova,V. 1341.
Dotsenko,G.N. 7092.
Dotsenko,V.L. 2799.
Dougherty,M.F. 5135.
Doughri,A.M. 3288.
Douglas,R.G.,Jr. 234.
Douglas, R.G.A. 524.
Douglas,A.R. 1613.
Douglas,R. 6721.
Douglas,R.G. 5683.
Douglas,R.G., Jr. 1673, 3261.
Douglas,R.G.,Jr. 901, 1870, 5209, 5655, 6533, 6652.
Douine,L. 2759.
Dourmashkin,R.R. 6280.
Doury,J.-C. 2528.
Douthart,R.J. 637.
Doutlik,S. 2683.
Dove,W.F. 3449, 4171.
Dow,B. 6007.
Dow,B.C. 7870.
Dowdle,E.B. 3095, 6655.
Dowdle,W.R. 885.
Dowling,P. 1082.
Dowling,P.C. 3850, 7394.
Downer,D.N. 5084, 6556.
Downie,J.C. 1590.
Downs,W.G. 4478.
Doyle,M.V. 3896.
Doyle,T. 8121.
Doz,B. 4692, 4843.
Draganov,P.I. 985.
Dragomirescu,L. 4446.
Dragomirescu,M. 4446.
Dragosics,B. 5620.
Drapeau,A.J. 1952, 5072.
Draper,C.C. 3803, 3810.
Draper,P. 6397.
Drapier,J.-C. 3970.
Drasner,K. 5642.
Dreesman,G.R. 1103, 2271, 3533, 7855.
Dreikorn,K. 8211.
Dreiseikelmann,B. 7828.
Dreizin,R.S. 4034, 4049, 7585.
Dremov,D.P. 6098.
Drescher,J. 886, 1003, 5053.
Dresler,S. 5186, 6240.
Dresler,S.L. 8111.
Dressler,J. 5661.
Drew,J.S. 5752.
Drew,W.L. 7528.
Drexler,H. 6399.
Driedonks,R.A. 655.
Drillien,R. 2167.
Drinovec,B. 5417.
Driscoll,D.M. 5929.
Driusso,E. 2921.
Drlica,S. 1022, 8091.
Drobinsky,I.P. 5993.
Drobischenko,N.I. 1224.
Drohan,W. 2500, 2501, 3119, 7247, 7253, 8131.
Drouet,J. 2276.
Drozd,T.N. 7329.
Drozdov,S.G. 6093, 7129.
Drozhennikov,V.A. 5145.
Druart,F. 8208.
Drube,C.G. 6105.
Drucker,J. 344, 1062, 2735, 3153, 3529, 3603, 3773, 4453, 5006, 6790, 8311.
Drucker,J.A. 4450.
Drugeon,G. 48.
Drulak,M. 2461, 3649.
Drusin,L.M. 8276.
Drygin,Yu.F. 7612.
Drylie,D.M. 1891.
Drynov,I.D. 2095, 6219, 6340.
Drysdale,S. 6089.
Drzeniek,R. 4036.
Du Pan,R.M. 7128.
du Pasquier, P. 2.
du T. Naude,W. 3158.
Dub, O. 386.
Dubbs,D.R. 3657.
Dube,P. 6008, 6012.
Dubes,G.R. 2092.
Dubey,J.S. 6262.
Dubichev,A.G. 4034, 4667.
Dubielzig,R.R. 7413.
Dubin,D.T. 7591.
Dubitchev,A.G. 7585.
Dubois-Dalcq, M. 4246.
Dubois-Dalcq,M. 2771, 4628, 6784.
Dubois,C. 5092.
Dubois,F. 3773, 5946.
Dubois,R.E. 1173.
Dubourguier,H.C. 4552, 5336.
Dubpernell,S.A. 7213.
Dubrovsky,Yu.A. 4486.
Dubuc,J.P. 2743, 2752.
Duchatel,J.P. 1581.
Duchowny,M. 8204.
Duckert,F. 3727.
Duckworth,D.H. 5596, 5597.
Duckworth,R. 4412.
Ducloux,G. 5207.
Duda,C.T. 3479.
Dudas,G. 5418.
Dudgeon 4597.
Dudgeon,J.A. 2380, 3197, 7941.
Dudley,J.P. 1800, 1946, 2210, 8130.
Dudnik,Yu.V. 4644.
Dudock,B. 1516.
Dudycz,L. 1740.
Duee,J.P. 2701.
Duermeyer,W. 7081, 8312.
Duesberg,P. 4136.
Duesberg,P.H. 3998, 4182, 4363, 5455, 6917, 7593.
Duffaut,M. 8257.
Duffus,J.E. 890, 6853, 7606.
Dufrane,J.P. 8222.
Duggal,S. 3350.
Duggan,M. 5184.
Duguid,J.P. 834, 4590.
Duizabo,P. 2555.
Dujeu,B. 3519.
Dujin,T. 5285.
Duku,O. 3803.
Dulac,G.C. 1214, 7858.
Dulbecco,R. 4094.
Dulina,A.V. 3586, 4224.
Dumas,L.B. 4069, 4070, 4077, 7658.
Dumas,R. 3181.
Dumitrescu,D. 3548.
Dumitrescu,Gh. 1706.
Dumont,F. 4341.
Dumont,M. 8243.
Dunaev,N.B. 4593.
Duncan, J.R. 228.
Duncan,C.S. 4536.
Duncan,I.B. 6053.
Duncan,I.B.R. 4891.
Duncan,J.S. 1971, 1984.
Duncan,M.R. 1337.
Duncan,R.C. 1699.
Duncan,W.R. 6505.
Dundarov,S. 8168, 8203.
Dundarova,D. 8168.
Dunez,J. 4692, 4843, 5690, 6124.
Duniewicz,M. 7861.
Dunker,A.K. 7608.
Dunker,R. 606.
Dunkle,L.M. 6671.
Dunlap,J.E. 7999.
Dunleavy,U. 7078.
Dunlop, N.M. 177.
Dunlop,W.R. 7228.
Dunn,A.R. 308, 1474, 5530.
Dunn,C.R. 1088.
Dunn,J. 4674.
Dunn,J.E. 6164.
Dunn,J.J. 632, 4676.
Dunn,N.W. 6403.
Dunn,S. 1981.
Dunn,S.M. 6647.
Dunnick,J.K. 2348, 8465.
Duong,C.M. 5914.
Duplan,J.F. 1375.
Dupont,E. 8198, 8317.
DuPont,H.L. 394, 1864, 2665, 4474, 5922.
Dupuy-Coin,A.-M. 6962.
Dupuy-Coin,A.M. 7529.
Dupuy,J.M. 7181.

IRL©1979

Duquesnoy,R.J. 5147.
Duraj,J. 4355, 5110.
Duran-Reynals,M.L. 2488.
Durand,G. 2415.
Dureau,G. 3065.
Dureux,J.B. 3016.
Durham,A.C.H. 4027, 5493.
Durham,P.J.K. 6088, 6743, 8369.
Durosoir,J.-L. 5941.
Durosoir,J.L. 6666.
Dus,D. 5816.
Dusanic,L. 2023.
Dusbabek,F. 5259.
Duseinov,K.D. 7361.
Dussaix,E. 5671.
Duthu,A. 5781.
Dutko,F.J. 7444, 7544.
Dutra,F.R. 2684.
Dutra,J.C. 4576.
Dutta,P.K. 6064.
Dutta,S.K. 1333.
Duval-Beaupere,G. 1857.
Duvel,D. 3949.
Duwaer,A.L. 1184.
Duyckinck Smith,J. 7533.
Dvorak,A.M. 1128, 5789.
Dvorak,H.F. 5789.
Dwyer,D.S. 7283.
Dyachenko,A.G. 5122.
Dyad'kova,A.M. 4386, 8138.
Dyce, A.L. 508.
Dyce,A.L. 3868.
Dykhuizen,D. 5585.
Dymshits,G.M. 1445.
Dzagurov,S.G. 2998.
Dzhivanyan,T.I. 8416.
Dzhubangaliev,M.U. 6615.
Dziewonska,M.A. 2032.

Eagen,D.A. 8078.
Eaglesome,M.D. 7954.
Earnshaw,W. 3485.
East,J. 1033, 5136.
East,J.L. 3471.
Eastcott,J.W. 2494.
Easterday,B.C. 2014, 3948.
Easton,J. 8034.
Easton,T.G. 2524, 3681.
Easwaramoorthy,S. 8415, 3901, 7462.
Eaton,B.T. 6173.
Eaves,F.W. 3280, 4601, 6050.
Ebbesen,P. 1792, 2496, 8034.
Ebenstein,P. 1028.
Ebers,G.C. 5055.
Ebina,T. 3276.
Ebine,K. 1174.
Ebrahim-Nesbat,F. 8449.
Echeverria,P. 394, 1864, 5922, 6645.
Echols,H. 1528, 3447, 7660.
Eckert,G. 4324.
Eckhart,W. 2179, 4936.
Eckner,R.J. 5838.
Eckstein,F. 699.
Ecob-Johnston,M.S. 5445.
Eddins,D.L. 5298.
Eddleston, A.L.W.F. 283, 284.
Eddleston,A.L.W.F. 1725, 1726, 4504, 7150, 7191, 8255.
Eddleston,W.F. 4330.
Eddy,G.A. 653, 1258, 1644, 2009, 3585, 4559.
Edelbluth,C. 7848.
Edelman,R. 7540.
Edenberg,H.J. 120.
Edens,L. 1456.
Edlin,G.J. 7850.
Edlinger,E. 2943.
Edlund,L.E. 1394.
Edmonds, J.W. 504.
Edmonds,J.W. 1220, 3867.
Edson, R.S. 380.
Edwards,C.A.F. 3540.
Edwards,H.E. 5112.
Edwards,I. 2165.
Edwards,M.-L. 6426.
Edwards,R.G. 1018.
Edwards,S.A. 6346.
Edwards,V.M. 5267.
Edwards,W.A. 3685.
Edwards,W.G.,Jr. 1087.
Edwardson,J.R. 3928.
Edy,V.G. 2319, 7912, 7919.
Eernisse,J.G. 6024.
Effros,R.B. 973.
Efimov,V.A. 2169, 6292.
Eftaiha,M.S. 1806.
Efthymiou,E. 7121.
Egan,J.A. 14.
Egan,J.B. 4648, 6905.
Egbert,B.M. 6630.
Egbert,P.R. 6630.
Egeli,R.A. 8160.
Eger,J. 2602.
Egerer,I. 2552, 6019.
Egerer,R.M. 3045.
Eggerding,F. 3456.
Eggers,C. 2551.
Eggers,H.J. 2856, 4701, 4799.
Egglestone,S.I. 8381, 4038.
Egorov,A.I. 4711.
Egorov,N.S. 835.
Egorova,E.N. 5984.
Egunjobi,O.A. 8459.
Ehrenfeld,E. 141, 4125, 4675, 6288, 6993, 7760.
Ehrengut-Lange,J. 7935.
Ehrengut, W. 439.
Ehrengut,W. 914, 7935, 8305.
Ehrensperger,F. 5992.
Ehresmann,D.W. 6210.
Ehrlich, G.E. 363.
Ehrnst,A. 2444, 3009, 7887.
Eibl,M. 1077, 1873.
Eichenlaub,R. 7828.
Eicken,I. 2784.
Eickhoff,K. 1181.
Eickhoff,T.C. 3596.
Eideniff,M.L. 3468.
Eidson,C.E. 2005.
Eidson,C.S. 4292, 4293, 4551, 5013, 5021, 5333, 5695, 6537, 6787.
Eidson,E.E. 5768.
Eiferman,R.A. 2460.
Eiguchi,Y. 596.
Einarsson,M. 1594.
Einck,K.H. 2084.
Einhorn,S. 4256.
Eisa,M. 7437.
Eiselein,J.E. 1797.
Eisen,H. 3488, 5552.
Eisenberg, E. 384.
Eisenberg,C. 2398.
Eisenberg,S. 6968.
Eisenman,R. 1763, 4805, 4879.
Eisenman,R.N. 1789, 4018.
Eisenstark,A. 6903, 7575.
Eizuru,Y. 5014, 6331.
Ejden,J. 1638.
Ekblom,M. 4283.
Eklund,C.M. 1188, 1189.
Ekwo,E.E. 6674.
El Hag Ali,B. 7161.
El Mekki,A. 3369.
El Mekki,A.A. 3721.
El Said,L.H. 4720, 7592.
El Sheikh, N. 284.
El Sid,A.G.H. 2616.
El Tahir,B. 3801, 3803.
El-Ebeedy,A. 1993.
El-Hadi,A.E. 5165.
El-Khatib,M.R. 5332.
El-Maraghy,M.A. 3141.
El-Massri,M. 5248.
El-Zein,A. 2101, 6786.
Elad,D. 4645.
Elazhary,M.A.S.Y. 5335, 7633.
Elazhary,Y. 5474.
Elbert,L.B. 571, 4704.
Elcombe,B.M. 6055.
Elder, J.H. 61.
Elder,J. 1782.
Elder,J.H. 1790, 2229, 4181, 5471, 6237.
Elder,J.K. 2710.
Elder,K.T. 2198, 7013.
Elder,P.K. 4138.
Eldridge,B.F. 8410.
Eleazer,T.H. 1982.
Elfenbein,D.S. 2363.
Elharrar,M. 6766.
Elhence,B.R. 5237, 7260.
Eliakim,M. 2601, 3642.
Elias,E. 6544, 8014.
Elias,P. 6300.
Eliasson,R. 699, 731, 6316.
Eligulashvili,R.K. 3953.
Elion,G.B. 3459, 5069.
Eliott,L. 3383.
Elisberg,B.L. 4980.
Eliseeva,I.Ya. 5263.
Elizan,T. 5445.
Elkana,Y. 5412.
Elkin,I.I. 3836.
Elkina,T.V. 2927.
Ellefson,R.D. 1710.
Ellem,K.A. 7518.
Ellens,D.J. 4987, 5603, 5612.
Ellimaki,K. 7146.
Elliott,L.M. 8323.
Elliott,R.M. 7536.
Elliott,S.C. 1710.
Ellis Pegler,R. 6721.
Ellis,C. 3467.
Ellis,D.A. 355.
Ellis,D.S. 3419, 4037, 6102.
Ellis,F. 4423.
Ellis,R. 5188.
Elmerich,C. 1455.
Elo,O. 4283.
Els,H.J. 5502.
Elsdon-Dew,R. 6116.
Elser,J.E. 797.
Elson,C.J. 3173.
Elwell,M.R. 2009.
Ely,B. 5588.
Emanoil Ravicovitch,R. 8072.
Emanuelson,S. 3285.
Emara,M.K. 6731.
Embil,J.A. 1227.
Embree,J.E. 1227.
Emeliyanov,V.V. 2183.
Emeny,J.M. 6466, 7111.
Emerit,I. 8093.
Emerson,S.U. 152, 780.
Emery,J.B. 3052.
Emmelot,P. 5835, 8156.
Emmonds,R.W. 8296.
Emodi,G. 1608.
Emond,R.T.D. 2532, 3762, 3833.
Emori,Y. 5460.
Emr,S.D. 4055.
Emtage,J.S. 4834.
Emura,I. 1054.
Enami,J. 5153.
Enatsu,T. 113.
Encheva,L.I. 8420.
Enck,R.E. 6633.
Enders,G. 7862.
Endlich,B. 6293.
Endrizzi,J.E. 2747.
Engel,A. 7018.
Engel,G. 183.
Engel,H.W.B. 2930.
Engel,J. 4012.
Engelberg-Kulka,H. 4761, 4894, 5548.
Engelbrecht,R.S. 5228, 7199.
Engelmann,D. 5757.
England,J.M. 7217.
England,T.E. 4087.
Engler,G. 7814.
Englert,W.-D. 8455.
Enikeeva,E.F. 6615.
Enjuanes,L. 5831.
Enkiri,N.K. 2654, 4712.
Ennis,F.A. 2391, 2403, 2442, 2952, 3091, 3632, 3634, 4323, 7071, 7185.
Ennis,H.L. 4831.
Enquist,L. 4857, 5556, 7799.
Enquist,L.W. 4860, 4878.
Entwisle,B.R. 2510.
Enzmann,D.R. 3168.
Enzmann,P.-J. 1569, 6948.
Epifanova, K.I. 222.
Epifanova,K.I. 910.
Eposito,J.J. 627.
Epp,E. 1095, 8219.
Eppstein,D.A. 898.
Epstein, W. 187.
Epstein,C.J. 5642.
Epstein,E. 1889.
Epstein,L.B. 2314, 5642.
Epstein,M.A. 2515, 3173.
Epstein,R.H. 3451, 4088.
Epstein,S. 1099.
Erbe,R.W. 4344.
Ercegan,M. 5285.
Erele,V. 1780.
Eremkina,E.I. 2987, 4251, 7106.
Erfle,V. 8095.

Erickson,C.A. 5779.
Erickson,J.S. 7104.
Erickson,J.W. 801, 802, 1523.
Ericsen,W. 4867.
Eriksen,K. 5845.
Erikson,E. 1391, 1497, 4017.
Erikson,R.L. 1391, 1496, 1497, 4017, 5109, 7222.
Eriksson,A. 2576, 3754.
Eriksson,B. 7817.
Eriksson,U. 7672.
Erkhov,V.S. 3667.
Erlick,B.J. 6601.
Ermakov,E.V. 6651.
Ermine,A. 1508.
Ermler,R. 4448.
Ermolaeva,O.M. 923.
Ermolenko,V.M. 2647.
Ermonval,M. 5773.
Ernst,M. 5788.
Erofeeva,V.S. 6098.
Erol,N. 2961.
Eroshenko,V.Sh. 1899.
Ershov,F.I. 211, 2333, 4253, 4957, 4969, 5638, 5653, 7905.
Ersoy,F. 5031.
Ertl, H. 266.
Esau,K. 2749, 6815.
Escarmis,C. 1364.
Esch,J. 1051.
Esche,H. 4790.
Escher,E. 676.
Escobar,M. 337.
Escourolle,R. 1944.
Eskandari,F. 3924, 5358.
Eskov,A.P. 2303.
Eskra,L. 2979.
Eslien,J.J. 5881.
Esmann,V. 8334.
Esparza, J. 393.
Esparza,J. 664.
Espinasse,J. 6060.
Esposito,R. 2540.
Essani,K. 6930.
Esser,A.F. 3084.
Esser,G. 8038.
Essex,M. 860, 4319, 5043, 5126, 6526, 6583.
Essioux,H. 6666.
Essioux,J. 5941.
Esteban,R. 5271, 5862, 5869, 7333.
Estes,J.D. 5135.
Estes,M.K. 6252.
Estola,T. 2263.
Estrem,I.E. 3250.
Esty,A. 34.
Esuruoso,O.F. 8459.
Etcheverrigaray,M.E. 5310.
Etcheverry,J.C. 2589.
Etchevers,B. 3611.
Etchison,J.R. 2822.
Etherington,M.D. 3076.
Etienne,J. P. 418.
Etienne,Y. 3016.
Etkind,P.R. 1399.
Eugster,A.K. 3286, 3858, 6046.
Eusof, A. 454.
Eva,A. 8404.
Evans-Jones,G. 3574.
Evans,A.S. 1056, 2543, 4458, 4459, 4465, 4598, 5912, 6496.
Evans,C.W. 935.
Evans,D.J. 3179.
Evans,D.J.,Jr. 4474.
Evans,L.H. 6917.
Evans,R. 4786.
Evans,R.M. 2885.
Evdokimov,Y.M. 4637.
Evenson, J.P. 549.
Evered,M.G. 3590, 5001, 6495.
Evers,R.F. 568.
Eversmeyer,W.H. 8259.
Ewald,P. 5308.
Ewalt,L.C. 3892.
Ewan,P.W. 5059.
Ewert,D.L. 4551, 6537.
Eylan,E. 2981, 5927, 6345.
Eyles,M.J. 3824.
Eyraud,M. 8298.

Fabiani,G. 5971.
Fabisch, P. 117.
Fabisch,P. 7609.
Fabiyi,A. 3870, 5343, 6673.
Fabregas Rodriguez,C. 5868.
Fabricant,C.G. 483.
Fabricant,J. 483, 5797, 8068.
Fabris,G. 1746.
Fabry,M. 1454.
Factor,S.M. 3163.
Fadeeva,L. 403.
Faden,A. 1190.
Faden,H. 7966.
Faden,H.S. 5738.
Fadly,A.M. 4289.
Fadnes,P. 8011.
Fadrhoncova,A. 2683.
Faelen,M. 843.
Fagbami,A. 5975.
Fagbami,A.H. 4554, 6254.
Fagraeus,A. 3009.
Fahim,M. 1937.
Fahrlander,H. 8252.
Fakan,F. 5913.
Falaschi,A. 4900.
Falcieri,E. 3461.
Falco,S.C. 7666, 7667.
Falcoff,E. 1612, 2970, 4123, 7893.
Falcoff,R. 1612, 2970, 4123.
Falcon,L.A. 3910, 4025, 8425.
Falcon,M.G. 3839.
Falecka, W. 274.
Falecka,W. 5054.
Falk,B.W. 7606.
Falk,E.S. 4467.
Falk,K. 1334.
Falk,L. 1334, 3396, 7720.
Falk,L.A. 1009, 5402.
Falk,P.M. 1653.
Falke,D. 2721, 4793, 6284, 7714, 8025.
Falkenhagen,U. 6513.
Falkson,G. 1061.
Faller,D.V. 1374.
Falls,E. 6655.
Falsaperla,A. 4407, 4408.
Falser,N. 2283, 8183.
Falsetti,F. 5939.
Falvo,C.E. 7939, 7940.
Familletti,P.C. 3564.
Famular,N.G. 7006.
Fan,D.P. 2859.
Fan,F.F. 5370.
Fan,H. 1504, 2206, 4352, 4816, 6346, 6347.
Fang,C.T. 986, 4233.
Fankhauser,R. 4290.
Fanning,E. 127, 7632.
Fanoe,E. 8170.
Fanshier,L. 825.
Fanta,D. 4411, 4510, 5715, 6010.
Fantes,K.H. 2325, 7898.
Fantini,M.P. 3097, 5292.
Faoro,F. 5383, 5487.
Faras,A.J. 2203, 3470, 4806.
Farber,M.E. 7134.
Farber,N.A. 5273, 5867, 8188.
Farber,P.A. 7240.
Fareed,G.C. 3655, 3959.
Farina,R. 7420.
Farkas,G.L. 4732, 8433.
Farmer,I. 7556.
Farmer,J.J.,III 6395.
Farmer,W.C. 6653.
Farquharson,B.C. 6743.
Farr,A.D. 7871.
Farrah,S.R. 425, 4718.
Farrell,E.T. 845, 1558.
Farrell,K. 3324.
Farrell,P.J. 7904.
Farrenkopf,R. 1261.
Farrohi-Kiai,F. 5876.
Farrohi,K. 5179, 5876.
Farrow,L.J. 1920.
Farson,D.A. 4358.
Farwell,D.C. 7619, 7621.
Fasan,M. 7359.
Fasanaro,A.M. 3838.
Fasce,L. 8262.
Fass,R.J. 8232.
Fattal,B. 5249.
Fattovich,G. 1728.
Fatzer,R. 4290.
Fauchet,R. 7872, 7972.
Fauci,A.S. 6514.
Faucon-Biguet,N. 5636.
Fauconnier,M. 7312.
Fauconnier,B. 1072, 5041, 5649, 7972.
Faulds,D.H. 2916.
Faulkner,G. 5353, 5380.
Faulkner,P. 193, 575, 7826.
Fauquet,C. 2155, 4583, 7482.
Faust,R.M. 76.
Favali,A. 3351.
Favali,M.A. 7480.
Favart,A.M. 4983.
Favero,M.S. 3532, 8320.
Favre,H. 1125, 2415.
Favre,M. 2956, 8144.
Favre,S. 6256.
Fay,F.R. 8351.
Fay,O. 595-.
Faye,P. 6060.
Fayers,P.M. 8014.
Fazekas de St. Groth,S. 3560.
Fazekas,A. 5697.
Fedchuk,A.S. 289, 4064.
Fedele,L. 4814.
Federici,B.A. 546.
Federico,G. 7193.
Federman,P. 2974.
Fedida,M. 2415, 7447.
Fedorova,O.E. 3094.
Fedson,D.S. 7948.
Fedyanin,Yu.P. 5211.
Feery,B.J. 3590, 3042, 5001, 6495.
Feest,A. 191.
Fegla,G.I. 7481.
Feher,J. 3640.
Feig,S.A. 1653.
Feild,J. 1588, 6937.
Feingold,D.S. 7923.
Feingold,J. 8275.
Feinman,S.V. 447, 3252.
Feinstone,S.M. 2597, 1122, 3529, 7196.
Feiss,M. 3484, 4151.
Feiss,M.G. 3433.
Feist,D. 7334.
Fekete,A. 70.
Fekete,G. 3066.
Fekety,R. 6608.
Feklisova, L.V. 357.
Feklisova,L.V. 1109.
Fel,V.Ya. 7969.
Felaco, F.M. 412.
Feldman,C. 8277.
Feldman,D. 7252.
Feldman,H.A. 4494.
Feldman,J.D. 3695, 4378, 4379.
Feldman,J.M. 5371, 5388.
Feldman,S. 264, 1095, 1172, 8209, 8219.
Feletti,C. 3072.
Feller,E.R. 2595.
Fellinger,E. 7656.
Felman,Y.M. 7290.
Felsenfeld, A.D. 530.
Felsenfeld,A.D. 2290.
Feltkamp,C.A. 5835.
Felton,C. 5754.
Feng,K.K. 2253.
Fengler,J.-D. 1916, 5947.
Fengler,J.D. 5943, 6720.
Fenner,F. 5403.
Fennestad,K.L. 525, 3291.
Fenoglio,C. 6269.
Fenske,H. 7573, 7584.
Fenton,R.J. 5052.
Fenuku,R.I.A. 983.
Fenwick,M. 3441.
Fenwick,M.L. 90.
Fenyo,E.M. 3694, 8113.
Feorino,P. 1055.
Feorino,P.M. 7530.
Fera,G. 1883, 1885, 2644.
Ferdinand,G.A.A. 1022, 8091.
Ferenci,P. 5620.
Ferguson,A. 8405.
Ferguson,M. 4038.
Ferlitsch,A. 1873.
Fermanian,J. 909.
Fernald,G.W. 1069.
Fernandez-Munoz,R. 3417.
Fernandez,N.J. 8335.
Fernandez,P. 2579.
Fernicola,C. 5939.
Fernie,B.F. 4966.
Fernow,K.H. 2039.

IRL©1979

Fernwalt,J.D. 3503.
Ferrante,P. 3249.
Ferrari,E. 1562, 4900.
Ferrari,G. 8019.
Ferreira Fonseca,M.E. 7059.
Ferreira-Fonseca,M.E. 6607, 6669.
Ferreira,M.E.A. 2628.
Ferreira,P.C.P. 2984.
Ferrer,J.F. 1228, 5120, 5124.
Ferrier,I.N. 8185, 5883, 5884.
Ferris,A.A. 572.
Ferris,J.A.J. 1830.
Ferroni,P. 3251, 5619, 6540, 7367.
Fett,W.F. 6822.
Feuer,B.I. 2798.
Feunteun,J. 6234, 7583.
Fevery,J. 1124.
Fey,F. 5822.
Fey,G. 5461.
Feyles, G. 416.
Feyles,G. 5212.
Fiala,M. 3074, 5188.
Fiandt,M. 4862.
Fiddes,J.C. 598, 1354, 1361, 1362, 2104.
Fidler, I.J. 298.
Fiedler,H. 1959.
Field,H.J. 5069, 6762.
Field,P.R. 3722, 5183.
Fielding,D.W. 3574.
Fields,B.N. 633, 3497, 3626, 5410, 5573, 6913, 7647, 7819.
Fields,H.A. 1162, 2954.
Fields,J.E. 7085.
Fields,P.I. 3503.
Fieldsteel,A.H. 4369, 5826, 8111.
Fiers,W. 3988, 3990, 4661, 4662, 4864, 6201, 6234, 7663, 7664, 7703, 7814.
Fietta,A. 2173.
Figelman,M.L. 7969.
Figueiredo,J.B. 2017.
Figueroa,M.E. 1335.
Figueroa,R. 2110.
Filiaci,F. 5685.
Filimonova,R.G. 403.
Filipe,A.R. 3947.
Filipescu,Z. 1159.
Filipowicz,W. 4841, 7779.
Filippi,P. 826, 7007.
Filippich,C. 2070.
Filipski,J. 7562.
Filker,R. 7275.
Filogamo,G. 5427.
Fimina, V.A. 503.
Finazzi,M. 1253.
Finberg,R. 2446, 3626, 4325.
Findor,J. 5954.
Fine,D. 1803.
Fine,D.L. 1506, 3137, 5676.
Fine,P.E.M. 2741.
Finegold,S.M. 4595.
Fink,G.R. 17.
Finkelstein,S.N. 7134.
Finlay,J. 4532.
Finlay,S.E. 6486.
Finlayson,J. 6096.
Finley,T.N. 7528.
Finn,O. 4362.
Finnegan,J. 6905.
Fiori,G.P. 1104, 6411.
Fiorilli,M. 3622.
Fioroni,A. 1198.
Firat,T. 5204.
Firkin,F.C. 3771.
Firriolo,A. 4039.
First,M.R. 954, 1088.
Fisch,A.E. 1848.
Fischer,G.W. 912.
Fischer,H. 5783, 7259.
Fischer,K. 8180.
Fischer,K.M. 1036.
Fischer,R. 3447, 7660.
Fischer,W. 3126.
Fischhoff,D. 6187.
Fischinger, P.J. 177.
Fischinger,P. 1782.
Fischinger,P.J. 1790, 2367, 2489, 5045.
Fiscus,D.E. 7336.
Fiscus,S.A. 5634.
Fish,D.C. 5829.
Fish,E.N. 8396.
Fishaut,M. 3387.
Fisher,E.S. 2580.
Fisher,L.E. 4835, 6883.
Fisher,P.B. 6171.
Fisher,R.A. 4151.
Fiskerstrand,C. 3095.
Fison,P.N. 3839.
Fisseau,C. 4651.
Fiszman, M.Y. 315.
Fitzgeorge,R. 4316.
Fitzgerald,E.A. 6481.
Fitzpatrick,P. 3010.
Fitzwilliam,J.F. 3621.
Fiumara,N.J. 7344.
Fiume,L. 7728.
Flaherty,L. 3630.
Flamand,A. 777, 1508, 4187, 7759.
Flanagan,M.T. 3554.
Flanagan,T.D. 3966.
Flanegan,J.B. 2892.
Flashman,S.M. 4162.
Flavell,A.J. 3983, 4095.
Flechter,S. 6672.
Fleckenstein,B. 8151, 1009.
Flecknell,P.A. 7404.
Fledelius,H. 3291.
Flegar,Z. 8217.
Flegg,C.L. 7874.
Flehmig,B. 1382, 5005, 5270, 6782, 7868.
Fleischhacker,M. 7041.
Fleischmann,W.R.,Jr. 1624.
Fleisher,G. 4309, 4310, 7986, 8213.
Fleisher,T.A. 3071.
Fleissner,E. 3407, 4361.
Fleming,W.A. 1626.
Fleming,W.J. 4518.
Flensburg,J.C. 858.
Flesch,H.G. 1036.
Fletcher,G.C. 2156.
Fletcher,O.J. 1955, 2005, 6787, 7991, 7992.
Flett,F. 4896.
Fleury,H. 1338, 2850, 3384, 3951.
Fleury,P. 1098.
Flewett,T.H. 1822, 1861, 2534, 8318.
Fligiel,Z. 1799.
Fliniaux,M. 7937.
Flint,J. 7899.
Floktisova,G.P. 6651.
Flore,O. 5437, 6367.
Flores,E.L. 1878.
Flores,R. 1407, 3341.
Florinsky,M.B. 8174.
Florio,C. 3739.
Flower,R.L.P. 5323.
Floyd,G. 5284.
Floyd,R. 2657.
Fluck,M.M. 8042.
Flugel,R.M. 583, 6912.
Flunker,G. 2793.
Focaccia,R. 8277.
Focl'h,F. 2440.
Fodge,D.W. 4369.
Fodor, I. 35.
Fodor,I. 612, 2782.
Fog, T. 465.
Fogel,M. 7654.
Foggin,C.M. 8385, 1165.
Fohlmeister,I. 5936.
Fohring,B. 3993, 4096, 6329.
Foidart,J.-M. 8050.
Fokina,T.V. 1730.
Foldes,I. 5105.
Foli,A.K. 983.
Folk,W.R. 817, 3984, 6199.
Follett,E.A.C. 6839.
Folliot,J.P. 5207.
Folomeyeva,O.M. 1832.
Fomenko,V.N. 3669.
Fomin,D.Kh. 5268.
Fomina,A.N. 5653, 7060, 8393.
Fon Lee,Y. 7590.
Fonatsch,C. 579, 6871, 8064.
Foncin,J.F. 7274.
Fonck-Cussac,Y. 5202.
Fonck,J. 5202.
Fong,B.S. 670.
Fong,C.K.Y. 2159.
Fonseca,F.deB. 1066.
Fonshtein,L.M. 5759.
Fontaine,M. 6079.
Fontana,R. 1549.
Fontanges,R. 6881, 8008.
Foote,L. 5430.
Forattini,O.P. 3781.
Forbes,M. 7952.
Ford,E.H.R. 6842.
Ford,J.P. 2184.
Ford,S.J. 2407.
Foreman,R.E. 6642.
Foresti,V. 1835.
Forghani,B. 2942.
Forman,A.J. 2718.
Formelli,F. 4380.
Fornadi,F. 6730.
Forrest,J.M. 2383, 2384.
Forsby,N. 2517, 5164, 8155.
Forschner,E. 3683, 5308.
Forslund,J.C. 592.
Forster,R.L.S. 1322, 1323.
Forster,U. 1261, 1973, 5318, 5320, 5321.
Fort,C.L. 6844.
Fortier,B. 2254, 6511.
Fortson,M.R. 7805.
Fortuner,R. 7482.
Fossar,N. 692.
Foster,B.G. 1041.
Foster,C.M. 1087.
Foster,N. 3713.
Foster,N.M. 4677.
Foster,S.O. 450, 1675, 2616, 3835, 4469, 5002.
Foulds,J. 1435, 4202.
Foulon,G. 3003.
Fournier,G. 4425.
Fowler,A.K. 1029, 8119.
Fowler,R.A. 5161.
Fox,C.F. 2808, 6840.
Fox,J.J. 5068.
Fox,J.P. 6693.
Fox,L. 3340.
Fox,M.S. 2246, 6375, 7668.
Fox,R.I. 8112.
Foy,H.M. 1151, 4460, 6693.
Fraback, R.C. 235.
Fracchia, F. 416.
Fraenkel-Conrat,H. 3480, 7780.
Fragomele,F. 7003.
Frame,J.D. 5982.
Frampton,J. 1665.
France,J.K. 6212.
Franceschi,C. 3097, 5292.
Franceschini,P. 7284, 7287.
Franchi,L. 3104.
Francis,B.J. 7140.
Francis,D. 3802.
Francis,D.P. 1929, 3801, 3803, 5126, 8318.
Francis,F. 3759.
Francke,U. 86.
Francke,B. 134, 2187.
Francke,U. 4345, 5819.
Francki,R.I.B. 2845, 2909, 3423, 4691, 4710, 5359, 6226, 7096, 7644.
Franco,L.J. 8277.
Francois,C. 6239, 7620, 7637.
Francy, D.B. 431.
Franczak,T. 6641.
Frand,M. 1168.
Frangione,B. 4695.
Frangulijan,K.Sch. 1766.
Frank,H. 796, 5005.
Frank,K.-H. 5942.
Frank,K.E. 1866.
Frank,R. 7862.
Frank,U. 2721.
Franke,E. 1916.
Franke,R. 996.
Frankel,A.E. 1790, 6915.
Frankel,J.W. 5102.
Frankel,M. 4415.
Frankel,M.E. 5629.
Franklin,N. 7796.
Franklin,N.C. 5494.
Franklin,R.B. 5108.
Franklin,R.M. 649, 662, 2141, 2174, 4605, 4846.
Frankova,V. 7861.
Fraselle,G. 4771.
Fraser,K.B. 6838.
Fraser,D.W. 6485.
Fraser,G. 5395.

Fraser,H. 1948, 2676.
Fraser,H.S. 3186.
Fraser,K.B. 8341.
Fraser,L.R. 2000.
Fraser,N. 739.
Fraser,N.W. 4665, 4783, 6326, 7705.
Fraser,R.S.S. 2059, 6803, 8447.
Frauenhoffer,C. 1085.
Fraumeni,J.F., Jr. 877, 3541.
Frederiksen,P.K. 1872.
Fredrickson,T.N. 4912.
Freed,B.M. 4971.
Freedberg,I.M. 4305.
Freedman,H.A. 5142.
Freedman,P.S. 3752.
Freeman,B.A. 6837.
Freeman,A. 5722.
Freeman,G.J. 7596.
Freeman,J.A. 2044.
Freeman,M. 6483.
Freeman,M.E. 2398.
Freeman,R. 1073, 1074, 2280.
Freestone,D.S. 2381, 7933.
Frei,P.C. 7082.
Freise,J. 5213.
Frencel,I. 1303, 5363.
Frenkel,N. 130, 3992.
Frensdorff,A. 908.
Frenzel,B. 2264, 3082, 4990.
Frerking,H. 3126.
Fresan Orozco,C. 848.
Fresco,G.F. 865.
Fretz,M. 142.
Fretz,P.B. 6047.
Freudlsperger,F. 2554.
Freund,J. 3980.
Frey,H. R. 6067.
Frey,T.G. 5566.
Frey,T.K. 760.
Freyer,G. 7560.
Freyler,H. 2552.
Frezzotti,R. 2349.
Fribourg,C.E. 1291, 7504, 7507.
Fricker,H. 3161.
Friderici,K. 7773.
Fried, D. 404.
Fried,A.H. 4103.
Fried,H.M. 17.
Fried,M. 4094, 5530, 7810.
Friedberg,E.C. 4856.
Friedlaender, M. 453.
Friedlaender,M.H. 2722.
Friedman Kien, A.E. 526.
Friedman Kien,A.E. 7442.
Friedman, H. 253, 327.
Friedman,D.I. 5553.
Friedman,E.A. 325.
Friedman,H. 1155, 1801, 6510, 6528, 7236, 7240.
Friedman,M.G. 4909.
Friedman,R.M. 1625, 1635, 1750, 2972, 2978, 7110, 7901.
Friedmann, A. 40, 623.
Friedmann,A. 2189, 4761, 7266.
Friedmann,T. 34, 1361, 1362, 6448.
Friedrich,R. 6999.
Friedrichs,W.E. 5565.
Friend,C. 7, 5137, 5141, 5142, 5706, 8102.
Friesen,J.D. 7046.
Frigerio,M.J. 6099.
Friis,R.R. 1493, 1498, 2475, 4130, 4242, 5116.
Frisch Niggemeyer,W. 4267, 7371, 853, 4219.
Frisque,R.J. 3981.
Fritig,B. 3347.
Fritsch,A. 4192, 4858, 4859, 6222.
Fritz,T.E. 5304.
Frohlich,G. 2237.
Froissart,M. 8186.
Frolov,A.F. 7639.
Frolova,E.I. 1478, 5096.
Frolova,L.Y. 7203.
Frolova,M.P. 7448.
Frongillo,R.F. 3205.
Froshauer,S. 2221.
Frosner,G. 1121, 5266, 6429.
Frosner,G.G. 8173, 4329, 5995, 6439.
Frost,E. 2225.
Frost,J.W. 861, 1199, 1261, 5318, 7962.
Frost,P. 1056.
Frottier, J. 352.
Froyman,R. 7431.
Fruganti,G. 3125, 7277.
Frugoni,G. 3821.
Fry,D.E. 5711, 6975.
Fry,G.A. 1258.
Fry,P.R. 6132.
Fry,S.E. 7807.
Fryd,D. 8331.
Fryd,D.S. 8206.
Fryden, A. 279.
Fryden,A. 965, 979, 5056.
Fryer,J.L. 5344.
Frymus,T. 4982.
Fu hsi,C. 1064.
Fu,P.P. 6548, 6896.
Fuccillo,D.A. 1587, 3108.
Fuchs,C. 1360.
Fuchs,Th. 7385.
Fucillo,D.A. 6785.
Fuentes,C. 6712.
Fuenzalida,E. 2419.
Fuhrer,J.P. 1769.
Fujii,T. 4337.
Fujiki,K. 1458.
Fujimiya, Y. 258.
Fujimiya,Y. 7997.
Fujimoto,Y. 505, 5118.
Fujimura,M. 8070.
Fujinaga,K. 198, 3457, 5118, 5300, 6568, 7713.
Fujinami,R.S. 7189.
Fujioka,R.S. 2621.
Fujisaki,M. 5075, 5076, 5077.
Fujisawa,H. 171, 4153.
Fujisawa,J.-I. 4967
Fujita,D. 7821.
Fujita,D.J. 45.
Fujita,H. 1555, 8032.
Fujita,N. 963.
Fujiwara, K. 491.
Fujiwara,K. 490, 665, 4607, 4621, 5050, 6057, 6747, 7180, 8002.
Fukai,K. 6419, 7131.
Fukami,Y. 1462, 4762.
Fukasawa,T. 2178.
Fukatsu,R. 7235.
Fukaya,N. 8033.
Fukuda, T. 194.
Fukuda,A. 1458.
Fukuda,M. 6373.
Fukuda,R. 841.
Fukuda,S. 6873.
Fukui,O. 5744.
Fukui,S. 8227.
Fukui,T. 2341.
Fukunishi,R. 5014.
Fukuoka,T. 2081.
Fulford,K.M. 2261.
Fulkerson,L.L. 6653.
Fuller,F.J. 7910.
Fulton,J.P. 6135, 7499.
Fulton,R.W. 2840, 2841, 6771.
Funahashi, S. 194.
Funes,E.S. 3611.
Fung,W.P. 5861.
Furaev,V.V. 2222.
Furcht,L.T. 8050.
Furesz,J. 3227, 7144.
Furlan,C. 3729.
Furlan,P.M. 3851.
Furman,P.A. 3459.
Furmanski,P. 3689, 4393, 5828.
Furminger,I.G.S. 3053.
Furth,M.E. 4071.
Furubayashi, H. 455.
Furukawa,H. 2855.
Furukawa,T. 4616, 6168.
Furusawa,E. 995.
Furusawa,I. 1280.
Furusawa,M. 4370, 7551.
Furusawa,S. 995.
Furuse,K. 8392.
Furuta, Y. 3.
Furuta,Y. 1272.
Furuuchi,S. 5341, 7961.
Fuscaldo,A.A. 6601.
Fuscaldo,K.E. 6601.
Fuse,A. 896, 5646, 6473.
Fuska,J. 4193.
Fuskova,A. 4193.
Futai,M. 6400.
Futrakul,P. 6420.
Fyfe,J.A. 3459.

Gaard,G. 7652.
Gaber,V.K. 4837, 5504, 7223.
Gaborjanyi,R. 4580, 4950.
Gabuzda,T.G. 7996.
Gaches,J. 7274, 7392.
Gadagkar,R.R. 4054.
Gadashevich,V.N. 5263.
Gadberry,J.L. 2815.
Gadoth,N. 7309.
Gadski,R.A. 734.
Gadtke,M. 2372.
Gaertner,M.J. 2142.
Gaffar Elamin,M.A. 2011.
Gaffney Blalock,H. 1982.
Gafford,L.G. 629.
Gager,W.E. 1676.
Gaglione,R. 5980.
Gagnon,A. 5311.
Gagnon,A.N. 4521, 6739.
Gagnon,J. 4018.
Gagov,I.I. 91.
Gagrcin,M. 249, 250.
Gaidamovich,S.Ya. 857, 1145, 4218, 5256, 7865.
Gaiffe,M. 7124.
Gaillard, S. 368.
Gaillemin,C. 8257.
Gaiottino,F. 5216, 5218.
Gaitonde,B.B. 8314.
Gajchisek,D.C. 4442.
Gajdusek, D.C. 257.
Gajdusek,D.C. 1944, 3272, 5252, 5483, 6724.
Gajjar,P.D. 1871.
Galabov,A.S. 286.
Galama,J.M.D. 977, 3636.
Galansk,M. 5936.
Galante,D. 5948.
Galanti,B. 5948, 8013.
Galas,D.J. 718, 4767.
Galassi,N.V. 8412.
Galasso,G.J. 2348, 8465.
Galati,E.A.B. 3781.
Galbraith,R.M. 5994.
Gale,J.L. 3247.
Gale,R.P. 1653.
Galegov,G.A. 286, 2906, 3430, 7755, 8117.
Galibert,F. 2914, 6907.
Galili,N. 3083.
Galin,M.A. 2349.
Galindo,J.M. 5559.
Galizzi,A. 1562.
Galkin,V.I. 4644.
Gall,A.A. 6197.
Gall,D.G. 6775, 8359.
Gall,E.P. 947.
Gall,S.A. 5028.
Gall,W. 6156.
Gall',A.A. 614.
Gallagher,J.D. 6675.
Gallagher,J.F. 7241.
Gallagher,M. 3526.
Gallagher,R.E. 2502, 2964, 5158.
Gallaher,W.R. 5438.
Gallart,T. 7333.
Gallay,E. 5560.
Galli,M.G. 3226.
Galli,R. 4225.
Gallimore,P.H. 308.
Gallis,B. 4805.
Gallitelli,D. 77, 674.
Gallo,R.C. 149, 2502, 2523, 2858, 2964, 4000, 4319, 5158, 5541, 5839, 6424, 7205.
Galloway,D.A. 4346, 6269.
Galloway,W.H. 5903.
Galphin,J.C. 7768.
Galuska,S. 5546.
Galves Rodriguez,A. 5868.
Galvez-E,G. 642.
Galy,P. 1071.
Gambarelli,D. 7393.
Gambari,R. 1034.
Gamble,D.R. 5224.
Gamble,W.C. 2249.
Gamburg,V.P. 5089.
Gamet,A. 2076, 2388, 3025.

IRL©1979

Gamez,R. 2081.
Gamper,H. 2785.
Gamulin,V. 7734.
Gander,M. 4124.
Gandhi,S.S. 3898.
Gandhi,V.C. 4997.
Gandy, G. 388.
Ganesan,A.T. 4651, 4652.
Gangadharam,P.R.J. 2924.
Gangarosa,E. 8229.
Gangarosa,L.P. 1994.
Gangemi,J.D. 653.
Gangulee,R. 7476.
Ganguly,N.K. 1731.
Ganguly,R. 2989, 5655.
Gann,K. 6654.
Gans,P.J. 7249, 8103.
Ganten,D. 5783.
Ganway, J.R. 543.
Ganz,P.A. 4277.
Garay,R.P. 6587.
Garbaczewska,G. 1292.
Garber,E. 6160.
Garber,E.A. 1472.
Garcia-Gancedo,A. 6549.
Garcia-Martinez,J.L. 3341.
Garcia-Quintana,H. 5475, 5476, 5477.
Garcia-Ramos,G. 6038.
Garcia,C. 8426.
Gard,D.L. 760.
Gard,G.P. 4825.
Gardiner,A.C. 6770.
Gardner,P.S. 407.
Gardner,L.J. 7900.
Gardner,M.B. 333, 1373, 2480, 3137, 5135, 8132.
Gardner,P.S. 1133, 2266, 2447, 5745, 7067.
Garfin,D.E. 1188, 1949.
Gargiulo,E. 5764.
Garibaldi, E. 351.
Garibbo,B. 3253.
Garland,A.J.M. 6519.
Garland,S.M. 863.
Garmashova,L.M. 178.
Garnier,M. 5690.
Garnsey,S.M. 4236, 5372, 5623, 7468, 7875.
Garoff,H. 5466, 5545, 7738.
Garon, C. 117.
Garon,C. 7634.
Garon,C.F. 124, 630.
Garrel,J. 8330.
Garrett,R.G. 1307.
Garretta,M. 1574, 2276.
Garrity,F.L. 5864.
Garro,A.J. 604, 7846.
Garry,R.F. 7539, 7739.
Garssen,G.J. 2133.
Gartner,L. 2166, 5163, 6513, 7276.
Garud,T.B. 3358.
Garuti,A. 1252.
Garwes,D.J. 969, 2967, 3948, 5019.
Gary,G.W. 5881.
Gary,W. 8229.
Garzon,S. 2827, 3330.
Gasic,G.J. 5114.
Gasic,T.B. 5114.
Gaskell,C.J. 969, 1681.
Gaskell,R.M. 7404, 1681, 7443.
Gaspar,A. 2943, 7056, 7057.
Gasparin,J. 1683.
Gastaut,H. 7393.
Gatchell,S.H. 3472.
Gateff,C. 1675, 5002.
Gatenby,P. 6026.
Gates,N.L. 4539.
Gathoye,A.M. 5555.
Gatti,R. 3104.
Gatti,R.A. 1838.
Gauches,J. 347.
Gaudchau,M. 2053.
Gaudray,P. 2880.
Gauld,L.W. 8237.
Gaumont,Y. 5769.
Gauntt,C.J. 961, 6092, 7445.
Gaush,C.R. 5785.
Gautheron,D. 4158.
Gautier,M. 6962.
Gautsch, J.W. 60.
Gautsch,J.W. 1782, 2229, 4181, 6237.
Gauze,G.G. 4644.
Gavora,J.S. 7219, 8090.
Gavurin,L. 7213.
Gaxotte,P. 2642.
Gaydos,J.C. 6680.
Gayoso Gomez,F. 2592.
Gazdar, A.F. 86.
Gazdar,A.F. 5819.
Gazit,A. 2981, 4681, 5104, 6345.
Gazit,E. 5248.
Gazitt,Y. 1785, 2492.
Gazmen,J. 4317.
Gazmen,J.M. 3187.
Gazzolo,L. 3122, 3677, 5730, 5800, 7527.
Gear,J.H.S. 3521, 5961.
Geballe,A.P. 4085, 4204.
Gebhard,R.L. 7308.
Gebhardt,M.R. 8421.
Geder,L. 1335, 1812.
Gee Jackson,G. 1080.
Gee,C.J. 8047.
Gee,R.W. 3869, 7434.
Geelen,J.L.M.C. 4792.
Gefter,M.L. 2886, 5495.
Gehring,H. 8352.
Gehrke,E. 3127.
Geider,K. 4635.
Geiduschek,E.P. 4089.
Geiduschiek,E.P. 4081.
Geiger,H. 7334.
Geiman,J.M. 901, 3261, 5209.
Geis,A. 6329.
Geis,W.P. 4997.
Geisen,H.P. 7862, 8211.
Geiser,M. 7138.
Geisler,B. 4250.
Geisselsoder,J. 4030, 4079.
Geissler,E. 2183.
Gelb,L. 3114.
Gelb,L.D. 4923.
Geldenhuys,P. 5260.
Gelderblom,H. 6912.
Gelfand,M. 398, 4432.
Gelikman,B.G. 4284.
Gelinas,R.E. 6320.
Gellert,M. 162, 167.
Gemski,P. 2917.
Genceva,G. 6774.
Gendrault,J.L. 2002, 6766.
Gendron,Y. 5953.
Genetet,B. 7872, 7972.
Gengler,R.E. 1901.
Gening,L.V. 4.
Genkina,D. 6387.
Genno,S. 4639.
Genovese,J. 574.
Genovese,M.A. 2270.
Genovesi,E.V. 6527.
Gens,R.D. 2394.
Gentile,A. 3838.
Gentilini,P. 5223.
Gentner,N.E. 2781.
Gentry,G.A. 689, 4117, 6286.
Gentsch,J.R. 6236, 6995, 7592.
Geoffroy,B. 1230.
Geogescu,L. 1840.
George,E.H. 2249.
George,R.H. 5905.
George,S. 5247, 6255.
Georgescu,I. 4513.
Georgiades,J. 6470.
Georgiev,G.P. 37, 618, 1384, 6381.
Georgii,A. 1003, 3110.
Georgiou,M. 5552.
Georgopoulos,C.P. 3488, 5552.
Georgsson,G. 3902.
Gera,A. 7484.
Gerard,G.F. 2197.
Gerasimova,L.M. 29, 6188.
Gerba,C.P. 425, 1926, 1927, 2618, 2619, 3219, 3786, 6252, 7521.
Gerbaud,G. 5591.
Gerber,G.J. 6653.
Gerber,H. 7138.
Gerber,J.D. 2409.
Gerber,M.A. 8246.
Gerber,P. 1814.
Gerbig,T. 6746.
Gerdes,J.C. 5570.
Gereby,R.J. 2649.
Gerecht,D. 4230.
Gerencser,V.F. 6249.
Gerendas,B. 4631.
Gerety,R. 3547, 8311.
Gerety,R.J. 1821, 2735, 3903, 4450, 5954, 6004, 6789, 6790, 7458.
Gergely,L. 6515.
Gerhard, W. 273.
Gerhard,W. 887, 3556, 5629, 7891, 7967.
Gerin,J.L. 1679.
Gerits,J. 2919.
Gerlach,H. 8288.
Gerlich,W. 2278, 5057.
Germain,M. 1230, 2736, 3807.
Germain,P. 3015, 3026.
German Gomez,G. 2412.
Gerna,G. 2267, 3244, 4306, 6411.
Gerner,E.W. 8084.
Gerone, P.J. 530.
Gerone,P.J. 2345.
Gerrard,J.W. 5604.
Gershey, E.L. 197.
Gershey,E.L. 679, 2082, 4777.
Gershon,A. 5722, 8276.
Gershon,A.A. 1655, 3572.
Gershwin,M.E. 3698.
Gerson,J.M. 2435.
Gersony,W.M. 4403.
Gerstein,H. 1513.
Gerstl,F. 2819.
Gerth,H.-J. 1382, 5005, 6782.
Gervais,F. 7983.
Gerwin,B.I. 3693.
Gerzon,K. 4337.
Geser,A. 1055.
Geserick,G. 4502, 8256.
Geslin,N. 5006.
Gesteland,R.F. 4876.
Gething,M.J. 2796, 3561.
Getlik,A. 1727.
Getz,M.J. 4138.
Geyer,H. 3856.
Ghabrial,S.A. 8429.
Ghai,O.P. 907.
Ghanekar,A.M. 4582.
Gharpure,M. 8341.
Ghelardini,P. 5519, 6301.
Ghendon,Y. 6387, 7767.
Ghendon,Yu.Z. 6390.
Ghenkina,D.B. 6390.
Gheorghe,N. 281.
Gheysen,D. 7703.
Ghezzi,E. 3271.
Ghil,K.Z. 5988.
Ghisotti,D. 5592.
Ghose,L.H. 852.
Ghosh,D. 3711.
Ghosh,H.P. 6351.
Ghosh,N.C. 3945.
Ghosh,P.K. 123, 1367, 4101, 4781.
Ghosh,S.K. 2037.
Ghosh,S.N. 428, 1745, 4619, 5256.
Ghossein,N.A. 3713.
Ghyka,Gr. 3422, 6182, 6884.
Ghysdael,J. 2479, 3124, 4812, 7995.
Giacchino,F. 1163.
Giacchino,M. 5212.
Giacherio,D. 5624.
Giachino,G. 1163.
Giacobbi,D. 1850, 5218.
Giacobetti,R. 6625.
Gialletti,L. 7277.
Giambrone,J.J. 2005, 4293, 4551, 5333.
Giancane,R. 8013.
Gianga,I. 5988.
Gianni,A.M. 771.
Giannikos,J. 3723.
Giard,D.J. 7909.
Giard,W. 917.
Gibb,M. 7423.
Gibbons,R.A. 2765.
Gibbons,R.W. 4582.
Gibbs,C.J., Jr. 257.
Gibbs,A. 7489.
Gibbs,A.J. 4566.
Gibbs,C.J., Jr. 3415, 6724.
Gibbs,C.J.,Jr. 4515.
Gibbs,E.P.J. 3294, 6851.
Gibbs,P.A. 7039.
Gibert,C. 4993, 5930.
Gibney,D.J. 6556.

Giboug,M.-H. 3065.
Gibson,J.A. 4404, 4410.
Gibson,R. 7012.
Gibson,R.W. 6817, 7472.
Gibson,W. 729, 6199.
Giddens,W.E.,Jr. 8407.
Gidlund,M. 6479.
Gidwitz,S. 7226.
Gifford,G.E. 2306.
Giguere,G. 7132.
Gil,C. 6549.
Gil,F. 664.
Gilbert,D.N. 8200.
Gilbert,C.S. 4973.
Gilbert,F.R. 2687.
Gilbert,J. 7920.
Gilbert,J.H. 6915.
Gilbert,Y. 2701.
Gilboa,E. 5535.
Gilchrist,G.S. 2399.
Gilden,D. 3638.
Gilden,D.H. 3169, 6185.
Gilden,R.V. 967, 2480, 4354, 6934, 7615, 8135.
Gildina,S.S. 7942.
Giles, R.H., Jr. 519.
Gilet,J. 6754.
Gilfillan, R. 233.
Gilham,P.T. 4679.
Gill,C.C. 6147, 8448.
Gill,G.V. 2591.
Gill,M.S. 3232, 3238.
Gill,P. 5177.
Gillam,S. 7028.
Gillaspie,A.G.,Jr. 1290.
Gillet,F. 2395.
Gillett,J.M. 6798.
Gillett,M.B. 5579.
Gillette,K.G. 2690.
Gillis,A.E. 334.
Gillis,S. 334.
Gillis,A.E. 8096.
Gillis,S. 8096.
Gillis,T.P. 7856.
Gillo,A.L. 3801.
Gilly,R. 1071.
Gilmartin,W.G. 3296.
Gilmer,P.R.,Jr. 4419.
Gilmer,R.M. 2027.
Gilmour,N.J.L. 494.
Ginelli,E. 771.
Gingeras,T.R. 603.
Gingery,R.E. 3536.
Ginzburg,V. 7767.
Gioannini,P. 6659.
Giorgi,P.L. 1876.
Giovanella,B. 8066.
Giovanniello,O.A. 3895, 8412.
Giovanninetti,G. 3104.
Giphart-Gassler,M. 81.
Gips,C.H. 1060, 3644, 4452, 5952.
Giraldo,G. 3149.
Girardet,C. 7082.
Giraud,M. 2415.
Giron,M. L. 692.
Gisselbrecht,S. 3964.
Gissmann,L. 1418, 4657, 7582.
Gitnick,G.L. 1653, 2651, 3845, 4454, 5220.
Giuliani,F. 4380.
Giuliani,G. 3531.
Giusti,G. 5948.
Given,D. 626, 6207, 7588.
Glaner,M. 1688.
Glaser,J.S. 1094.
Glaser,M. 3663, 4342, 6508, 7210.
Glaser,R. 582, 750, 3888.
Glasgow, L.A. 288.
Glasgow,L.A. 953, 1702, 2347, 2720, 3853, 7896.
Glasky,A.J. 8029.
Glass, D. 233.
Glass,R.I.M. 3246.
Glasser,C.M. 1900.
Glathe,H. 4886.
Glaun,B.P. 6423.
Glaz,E.T. 2991, 4974.
Glazebrook,J.S. 1219.
Gleeson,L.J. 3064.
Glen,S.P.P. 5854.
Glenn,J. 5596, 5597.
Glezen,W.P. 4495.
Glibotic,A. 8391.
Glick,A.D. 1778.
Glick,M.C. 8085, 8086.
Gliem,G. 2045.
Glinskaya,E.V. 4284.
Glock,R.D. 7409.
Glover,D.B. 8202.
Glover,S.W. 7048.
Glowienka,P.R. 7042.
Gluzman,Y. 2120.
Gobel,R. 6412.
Gocke,D.J. 565.
Gocs, A. 504.
Godard,C. 6598.
Godart,M. 6870.
Goddard,J.G. 7032.
Goddard,M.E. 5710.
Godke,R.A. 6771.
Godsal,M.F. 6080.
Godse,D.B. 3562.
Godson,G.N. 4638, 598, 607, 608, 1354, 2104.
Godwin,E.A. 4177.
Goethals,M. 8434.
Goette,D.K. 1852.
Goetz,O. 7291.
Goff,C.G. 4174.
Goff,S. 5535.
Goff,S.P. 1356.
Gogate,S.S. 7524.
Gogolin,J. 4886.
Gogusev,J. 3397, 3714.
Goh,E.H. 5854.
Gohji,H. 987.
Gola,G. 6407.
Golbus,S.M. 1853.
Gold,E. 4464.
Gold,L. 4086.
Gold,L.H. 5981.
Gold,M. 96, 3483.
Goldbach,R.W. 568, 2908.
Goldberg,A.R. 1019, 1772, 3696.
Goldberg,D. 5249.
Goldberg,E.B. 7684, 7685.
Goldberg,E.E. 8057.
Goldberg,G. 5518.
Goldberg,I.D. 2236.
Goldberg,M. 2562.
Goldblat,M. 5221.
Goldblum,N. 7298.
Golde,D.W. 2490, 5141.
Goldenberg,C.J. 740, 3370, 6323.
Goldfarb,A. 724.
Goldfarb,L.G. 8297.
Goldfarb,M.P. 3700.
Goldfarb,R.H. 5115.
Goldfine,H. 1500, 5117.
Goldfinger,D. 2649.
Goldman,E. 98, 7030.
Goldman,J.M. 6018.
Goldman,N.D. 5527.
Goldman,R. 4301.
Goldner,H. 996.
Goldrosen,M.H. 6566.
Goldschmidt,B. 1082.
Goldstein,A.L. 1041.
Goldstein,D.A. 1471, 4716.
Goldstein,J.C. 4314.
Goldstein,N.I. 6171.
Goldstein,R. 4030, 4079.
Goldstein,V. 4909.
Goldwater,P.N. 2627.
Golfera,H. 6099.
Golgher,R.R. 2984.
Golini,F. 1389.
Gollan,A. 517.
Gologan,Gh. 5988.
Golomb,M. 4809.
Golosova,T.V. 4505, 4609.
Goltz, J. 485.
Goltz,S. 7658.
Golubev,D.B. 178, 5434.
Golubov,D.B. 4954.
Golzand,I.V. 3213.
Gombe,E. 4437.
Gomersall,M. 5177.
Gomez Cardenas,G. 1965.
Gomez Yafal,A. 6368.
Gomez-Molina,O. 8338.
Gomez,G.C. 4274.
Goncalves,E.I. 2004.
Gonczol,E. 2166, 6571, 7034.
Gonda,M.A. 1046.
Gong,S.-H. 6603.
Gonikberg, E.M. 25.
Gonikberg,E.M. 6890.
Gonsalves,D. 4236, 5623.
Gonzalez-Ceron,M. 1127.
Gonzalez-Garza,R. 7502.
Gonzalez,E.T. 5310.
Good,R.A 8160.
Gooderham,K.R. 1991.
Gooding,L.R. 7166.
Goodman,D.G. 5154.
Goodman,M.F. 4767.
Goodman,R.M. 656, 1301, 3343, 6136, 7505.
Goodman,S.R. 1483.
Goodwin,D. 3552.
Goodwin,R.H. 1275, 4731.
Goorha,R. 779, 6356.
Goosen,T. 81.
Gopachenko,I.M. 3300.
Gopalakrishna Pillai,K. 8445.
Gopalakrishna, S. 533.
Gopalan,P.R. 907.
Gopinathan,K.P. 4054, 6997.
Gorbunova,E.E. 4840.
Gorbunova,L.V. 3378.
Gordeev,V.K. 814, 2223.
Gordeeva,N.I. 4750, 5516.
Gordon,A.G. 4441.
Gordon,D.T. 3356.
Gordon,H. 1909, 3257.
Gordon,M.P. 1522, 4763.
Gorecki,M. 634, 4146.
Goren,M.B. 836.
Gorges,H.-J. 4906.
Gorham,J.R. 4539, 6736.
Gorman,B.M. 7820, 43, 44, 1537, 2070.
Gorman,P.G. 7336.
Gormley,P.E. 761.
Gorshunova,L.P. 3055.
Goryushin,V.A. 2025.
Gossel,P.L. 4235.
Gosselin-Rey,C. 7637.
Gosselin,L. 6239, 7620, 7637.
Gosselin,M. 2599.
Gossling,J. 2176.
Gosule,L.C. 30, 32.
Goswami, K.K.A. 460.
Gota,F. 8254.
Gotanda,T. 5632.
Gotlieb, A. 404.
Goto,H. 1232, 2713.
Goto,N. 490.
Goto,Y. 2149, 2948, 4941, 7960.
Gotoh,O. 6892.
Gotoh,S. 3114.
Gotohda,E. 4371.
Gottesman,M. 5584, 5587.
Gottesman,S. 5587.
Gottesmann,Th. 6027.
Gottlieb,C. 2194.
Gottshall,R.Y. 4295.
Goubin,G. 2900, 3398.
Goudeau,A. 344, 1062, 2299, 3153, 3603, 3773, 4453, 5006, 5688, 5946, 8316.
Goudswaard, J. 497.
Gouedard, H. 378.
Gouedard,H. 1091.
Gouet,P. 4552, 5336.
Gough,G.R. 4679.
Gough,R.E. 1259.
Gould,J. 260.
Gould,A.R. 4008.
Gould,E.A. 1724, 4706, 7882.
Gould,J. 5331.
Goulian,M. 6348, 7265, 8115.
Gouranton,J. 1268.
Gourlay,R.N. 2870.
Goverdhan,M.K. 6070.
Govers,A. 2746.
Gowda,H.T. 7363.
Gowe,R.S. 7219, 8090.
Gower,P.H. 5994.
Gower,R.G. 4328.
Goya,N. 5729, 8236.
Goyal,S.M. 2619, 3786.
Goze,A. 2244.
Gozes,I. 2216.
Grabau,E.A. 4885.
Grabner,G. 7322.
Grace, R.H. 339.
Grace,R.H. 3140.
Grachev,M.A. 28, 701.
Grachev,S.A. 2115, 2117.
Grachev,V.P. 1330, 4049.
Gracheva,E.N. 6493.

IRL©1979

Gracheva,L.A. 1105.
Gracia,O. 5371, 5388.
Grady,G.F. 443, 3575.
Graessmann,A. 2119.
Graessmann,M. 2119.
Graessner,U. 6513.
Graf,G. 5947.
Graf,T. 1396, 1764, 1770, 3466, 3673, 5106.
Grafton-Packard,B. 7965.
Graham, K.M. 552.
Graham,B. 1058.
Graham,D.Y. 3203, 3770, 6252, 7521.
Graham,F.L. 4066, 5531.
Graham,J. 7024.
Graham,J.H. 5898.
Graham,S.O. 7201.
Grammaticopoulos,D. 2638.
Granados, R.R. 12.
Granados,R.R. 1442, 5411.
Granboulan,Ph. 5458.
Grand,N.G. 1249.
Grandgenett,D.P. 59, 143, 145, 4809.
Grandmottet,P. 3017.
Grandolfo,M.F. 5003.
Grange,J. 862.
Grange,J.M. 836, 2925, 4199.
Granger,S.J. 1076.
Granick,J.L. 326.
Granoff,A. 779, 6356.
Granstrom,M.-L. 3785, 5187.
Grant,C.K. 5043.
Grant,R.B. 3427.
Grantham,R. 2871.
Gras,B. 6740.
Grassi,S. 5672.
Grasso,E. 6665.
Grasso,M. 5221.
Gravell,M. 3108.
Graves, C.R. 551.
Graves,H. 7899.
Graves,J.H. 1967, 6065.
Graves,P. 3596.
Gravina,R.F. 1190.
Gray,D. 2709.
Gray,E.D. 6446.
Gray,E.W. 7408.
Gray,F. 1944.
Gray,H.B.,Jr. 3393.
Gray,J. 1992.
Grayson,M. 7592.
Grayson,M.A. 4536.
Grayston,J.T. 4460.
Grazia Revello,M. 4306.
Graziadei,W.D. 4971.
Greaves,M. 6599.
Grebenyuk,V.N. 7060.
Greber,R.S. 5389, 6150.
Green,E.M. 5483.
Green,J. 6250.
Green,J.A. 2324.
Green,M. 39, 738, 2157, 2197, 2209, 3457, 3991, 4385, 4664, 4698, 4787, 5160, 6322, 6984.
Green,R.S. 1434, 4735.
Green,S.I. 5226.
Greenaway,M.A. 7067.
Greenaway,P. 7810.
Greenaway,P.J. 6391.
Greenberg,H.B. 7331, 2259, 2728, 3228, 3229, 3789, 7308, 8228, 8229.
Greenberg,J.H. 6577.
Greenberg,J.P. 1267.
Greenberg,R.N. 8259.
Greenberg,S.B. 903, 1646.
Greenberger,J. 2088.
Greenberger,J.S. 4375, 7249, 8103.
Greenblatt,J. 5554.
Greene,J.J. 1522.
Greenfield,R.S. 6464.
Greenham,C.G. 2043.
Greening,E.O. 5228.
Greenlee,J.E. 1048, 2762.
Greenwood,B.M. 1722.
Gref,C. 6003.
Gregerson,D.S. 6344, 6586.
Gregg,I. 6644.
Gregg,M.B. 2634, 3246.
Gregorovic,V. 7232.
Greig,A.S. 3955, 5442.
Greisen,H. 4522, 8350, 8366.
Gremillion,D.H. 1901.
Gren,E.J. 602, 696, 697, 4068, 4641, 4760.
Grenier,B. 8311.
Gresham,E.L. 6670.
Gresikova,M. 1221, 1234, 6077, 6141, 7428.
Gresser,I. 215, 1636, 1640, 2355, 4958, 6479, 7118, 7921.
Greve,J. 4715.
Grewal,G.S. 2410.
Gribanov,V. 4641.
Gribanov,V.A. 602.
Gribble,D. 2682.
Gribble,T.J. 7331.
Gribencha,L.F. 3587.
Griem,K. 6207.
Gries, C. 477.
Griesemer,R.A. 5156.
Griffin,B.E. 2118.
Griffin,D.E. 1716, 1951, 3078, 4628, 4822, 5702, 6733.
Griffin,J.D. 818, 7693.
Griffin,N. 6657.
Griffiths,B.B. 2706.
Griffiths,P.D. 2255, 2559.
Grigor'eva,S.K. 5051.
Grigor'yan,E.G. 6945.
Grigore,M. 1420.
Grigoriev,P.S. 2222.
Grigoriev,V.B. 4034, 2303, 4667.
Grigorieva,G.A. 2025.
Grigorieva,S.K. 4322.
Grigorova,R.T. 6393.
Grigoryeva,L.V. 6110, 8279.
Grill,L.K. 1281, 7467.
Grillo,T.A.I. 5343.
Grillone,W. 3531.
Grimbergen,J. 815.
Grimes,T.M. 4601, 5803, 7959.
Grimes,W.J. 3544.
Grimm,F. 7415.
Grimm,J. 917.
Grimont, F. 2.
Grimont, P.A.D. 2.
Grimshaw,W.T.R. 1747.
Grimson,B.S. 1094.
Grinbaum,E.B 7362.
Grindley,J.N. 607, 608.
Grineva,N.I. 27, 29, 6188.
Gringras,M. 1664.
Grinius,L. 6957.
Grinius,L.L. 5595.
Grinshpun,L. 2396.
Grinshtein,E.A. 2995.
Grinwich,K.D. 7178.
Griscelli,C. 2428, 2429.
Grisi,S.J.E. 5923.
Grist,N.R. 6839, 3256, 5278, 5674, 5918.
Grivell,C.J. 7644.
Grob,P.M. 7114.
Grodin,R.W. 7139.
Grodnitskaya,N.A. 8057.
Grodzicka-Krolak,H. 2570.
Grodzicker,T. 5461.
Grohmann,M. 8161.
Grokhovskaya,I.M. 857, 4486, 7865.
Grolleau,J.-Y. 1116.
Grollman,E.F. 1625, 2978.
Groman,N. 2242.
Gromashevsky,V.L. 7357, 7493.
Gromov,B.V. 6257.
Gromyko,L.G. 8393.
Gronenborn,B. 161.
Groner,B. 4821.
Groner,Y. 7102, 7694, 7696.
Groocock,C.M. 8403.
Gros,F. 1795, 7005.
Grose,C. 6856.
Grosjean,H. 4864.
Gross,H.J. 140, 1490, 2791, 4120, 6247.
Gross,P.A. 2400.
Grossberg,S.E. 2317, 2327.
Grosschedl,R. 3972, 4640.
Grossetete,G. 8330.
Grossgebauer,K. 2451.
Grossi,M.P. 1746.
Grossiord,A. 1857.
Grossman,R. 5752.
Grot,A.V. 5070.
Groth,K.E. 5193, 7929.
Groudine,M. 319.
Grouse,J.E. 6514.
Grow,T.J. 8185.
Grubb,D.J. 5176.
Grubbs,G.E. 2442.
Gruber,J. 7370.
Grubman,M.J. 7589.
Gruest,J. 5101.
Grundboeck,M. 1193.
Gruson,S. 5299.
Gruss,P. 4096, 4600.
Grussendorf,E.-I. 6977.
Grutter,M. 649.
Grutter,M.G. 7682.
Grylls,N.E. 7644.
Grzincich,G.L. 3048.
Gschwender,H.H. 4036, 4739, 754.
Gsell, O. 419.
Guadagnino,V. 5999.
Gualandi,G.L. 6076.
Guaragna,F. 1839.
Guard,O. 3181.
Guarda,M.A. 3104.
Guardia,J. 5271, 5862, 5869, 7333.
Guarino,L.A. 4157.
Guarneros,G. 5559.
Gubetta,L. 1828.
Gubler, D.J. 429.
Gubler,D.J. 4479, 4483, 8293.
Gudat,F. 579, 3211.
Gudauskas,R.T. 6942.
Gudmundsson,G. 1185.
Gudz'-Gorban',A.P. 6220.
Guelpa,B. 7602.
Guenet,J.L. 5792.
Guerier, T.H. 399.
Guerra,R. 2349.
Guerrant,R.L. 8181.
Guerry,P. 3912.
Guesdon,J.-L. 2262.
Guest,J.R. 4209.
Guetard,D. 6268.
Guevarra,L.O. 1735.
Gugerli,P. 871.
Guggenheim,R. 579.
Guglielmino,S. 891, 2548.
Guguianu,E. 6695.
Guida,B. 4443.
Guild,W.R. 3510.
Guilfoyle,R. 4789.
Guiliani,G. 2539.
Guill,M.A. 1852.
Guillemain,B. 573, 1375.
Guilley,H. 788, 4689.
Guillon,J. 1116.
Guillon,J.-C. 215, 1640, 7928.
Guillozet,N. 5934.
Guinivan,P. 8125.
Guiraud Simplot,A. 2103, 6966, 5440.
Gulati,A. 6812.
Gulati,S.C. 3952.
Gulevich,N.E. 593, 1622, 3962.
Gulewicz,K. 6225.
Gulha,D.K. 7315.
Guli,V. 3248, 7368.
Guliy,V.V. 7465.
Gulvas,F.A. 8078, 8079, 8090.
Gulyaeva,V.N. 8271.
Gumnit,R.J. 6632.
Gumpf,D.J. 4602, 7502.
Gumport,R.I. 1467, 6310.
Gumrukcu,E. 4338.
Gunasekera,H.D.N. 6698.
Gunn,R.A. 6014.
Gunnell,M. 877.
Gunson,J.R. 1989.
Guntaka,R. 146.
Guntaka,R.V. 765, 1499, 2199, 2202, 2899, 3486.
Gunther,O. 6003.
Gupta, J.K. 471.
Gupta,B. 1908.
Gupta,B.M. 1745, 7316.
Gupta,J.K. 1180.
Gupta,K.C. 6353, 6796.
Gupta,M.N. 6796.
Gupta,N.P. 428, 1745, 5256, 5324.
Gupta,P.P. 6058.
Gupta,S.L. 209, 2340.
Gurari-Rotman,D. 4965, 4976.
Gurevich,E.P. 8166.

Gurgo,C. 5134.
Gurha,R.G. 426.
Gurleva,G.G. 6945.
Gurnett,A. 3408.
Gurtsevich,V. 8158.
Gurturk,S. 7416.
Gurusiddaiah,S. 7201.
Gurvich, E.B. 222.
Gurvich,E.B. 4269.
Gurvich,Eh.B. 5667.
Gusak, N.M. 49, 64.
Gusak,N.M. 3413.
Gusarevich,E.A. 4049.
Gushchin,B.V. 7541.
Gushchina,E.A. 7541.
Gussander,E. 3396.
Gussin,G. 6986.
Gussin,G.N. 7709.
Gust,I.D. 572, 863, 1148, 1912, 2641, 2643, 3823, 3827, 3828, 4499, 6423, 6698, 8315.
Gustafson,D.P. 1197, 3878, 5029, 5482, 6753, 6764.
Gustavsson,B. 4401.
Gut,W. 4918.
Gutai,M.W. 173.
Gutekunst,D.E. 951, 1701, 5692.
Guth,W. 8199.
Guthrie,E.J. 2054, 3345, 5387, 6149
Gutierrez D.,A. 1065.
Gutierrez Diermissen,A. 6539.
Gutierrez,A. 6642.
Gutman,R.A. 5964.
Gutmann,W. 5057.
Guttman,B.S. 1463.
Guy,J.S. 2129.
Guyaux,M. 8104, 8105.
Gwaltney,J.M., Jr. 6643.
Gwaltney,J.M.,Jr. 4473, 5065, 7491, 8192.
Gyorkey,F. 1103, 3533.
Gyorkey,P. 3533.
Gyorkey,P.K. 1103.
Gyurov,B. 1975.

Haahr,S. 960, 3068, 5873, 6718.
Haaijman,J.J. 2499.
Haas,H. 6439.
Haase,A. 3853.
Haase,A.T. 2783, 2965.
Haase,H. 1962.
Haase,J. 8408.
Haase,M. 4276.
Habanananda,S. 8231.
Habermann,E. 7531.
Habermann,W. 4447.
Habermehl,K.-O. 6285.
Haburchak,D.R. 1846.
Hackett,P.B. 2898.
Hackstadt,T. 7726.
Hadas,O. 4562.
Haddad,N.I. 4585.
Haddane,B. 6060.
Hadler,S.C. 8320.
Hadlow,W.J. 1188, 1189.
Hadnagy,C. 5189.
Hadziatanasova,V. 6774.
Haegeman,G. 7703.
Haelterman,E.O. 2418, 4920.
Haenggeli,E. 2864.
Haenni,A. L. 7779, 7781.
Hafermann,D.R. 7946.
Haffer,K. 7988.
Haffey,M. 5462.
Hageman,P. 8129.
Hageman,T.C. 4815.
Hagemoser,W.A. 1964.
Hagen,D.S. 2134, 6230.
Hagen,D.v.d. 5802.
Hagen,F.S. 4826.
Hagen,U. 4653.
Hagens,S.J. 3967.
Hager,G. 5042.
Hager,J.C. 5125.
Hager,L.P. 5624.
Hagiwara,A. 6679.
Hagmar,B. 5651.
Hagstad,H.V. 6504.
Hahn,B. 2393.
Hahn,E.C. 2090, 2448.
Hahn,F.F. 3899.
Hahn,H. 2721.
Hahn,T. 4976.
Hahnefeld,H. 933, 1417, 2680.
Haidle,C.W. 3974, 7568.
Haidri,N. 1082.
Haig,D.A. 1432.
Haikin,H. 4909.
Haile,R.W. 1946.
Haines,H. 7382.
Hajas,K. 4543.
Hajek,V. 7833.
Hajer,I. 3288.
Hajkova,Z. 3242.
Hakkaart,F.A. 8463.
Hakomori,S. 5150.
Hakura,A. 5413.
Hala, K. 241.
Halasa,M.C. 3426.
Halasz,A. 4543.
Halbach,M. 4623, 4625.
Halbert,D. 3370.
Halbreich,A. 4759.
Hale,C.J. 2718.
Halen,P. 475, 3283, 6741, 7431.
Halevy,C. 3493, 4176.
Halgos,J. 3242.
Halie,M.R. 3623.
Halili,M.R. 3713.
Halk,E.L. 2840, 2841.
Hall,W.W. 457.
Hall,B.D. 4166.
Hall,B.L. 8331.
Hall,C. 1460, 6693.
Hall,C.B. 5209.
Hall,D. 1937.
Hall,I.M. 6792.
Hall,M.R. 1471, 4716.
Hall,N.D. 3173.
Hall,T.C. 6363.
Hall,W.J. 1870, 6652.
Hall,W.W. 5743.
Hallenbeck,L.A. 6530.
Haller,O. 7118.
Hallermann,C. 4265.
Halliburton, I.W. 41.
Hallinan,F.M. 4813.
Halonen,P. 236.
Halonen, P.E. 275.
Halonen,P. 853, 3601.
Halpern,C.C. 2787.
Halpern,M.S. 4242, 7217.
Halpern,Y.S. 3492.
Halpin,T.J. 4281.
Halsey,N.A. 2404, 5298, 6025, 6485.
Halstead,S.B. 912, 3188, 3193, 4618, 6523.
Haltia, M. 402.
Halverson,D.O. 2913.
Ham,R.G. 4347.
Hama-Inaba,H. 7680.
Hama,K. 6953.
Hamada,C. 5077.
Hamada,K. 5075, 5076.
Hamaguchi,M. 1403, 4852, 4853.
Hambling,M.H. 8300, 1662, 1915, 2280.
Hamburg,S.I. 214.
Hamed,I.A. 6610.
Hamelin,C. 2074.
Hamelin,R. 2521, 4814.
Hamer,D.H. 2790.
Hamilton,J.R. 7257.
Hamilton,D. 4170.
Hamilton,D.N.H. 381.
Hamilton,F.A. 6662.
Hamilton,G.G. 926.
Hamilton,J.D. 3621.
Hamilton,J.R. 6775, 8359.
Hamilton,R. 4252.
Hamilton,R.D. 1610.
Hamilton,R.T. 3113.
Hamlett,N.V. 4178.
Hammarstrom,L. 1078.
Hammer-Jespersen,K. 3508.
Hammerschmidt,D.E. 3741.
Hammershoy,O. 7302.
Hamori,A. 2607.
Hamory,B.H. 6643.
Hampar,B. 582, 1025, 2794, 4699.
Hamparian,V.V. 6622.
Hampl,H. 6285.
Hampson,A.W. 5001.
Hampton,R.O. 4585, 7470.
Hanafusa,H. 1492, 2787, 4132, 4183, 4811, 7218.
Hanaki,T. 2948.
Hanakova,L. 2683.
Hanania,N. 6983.
Hanawalt,P. 6969.
Hanazawa,S. 7925.
Hanchett,J.E. 5286.
Hand,P.H. 3368.
Hand,R.E.,Jr. 3377.
Handa,H. 7690.
Handa,S. 5646.
Handzel,Z. 4976.
Hankins,W.D. 2767, 7239.
Hanlin,R.T. 1308.
Hanna,M.G.,Jr. 2293.
Hannett,G.E. 2920.
Hannett,N.M. 6898.
Hanninen, P.T. 275.
Hannington,G. 7063.
Hannoun,C. 7886, 1719.
Hano,J.E. 4997.
Hansen, W.R. 516.
Hansen,A.J. 2038, 6807.
Hansen,D.P. 391.
Hansen,N.E. 8154.
Hansen,P.A. 6144.
Hansen,R.M. 911.
Hansen,S. 6407.
Hansen,T.H. 5741.
Hanshaw 4597.
Hanshaw,J.B. 1925.
Hanshaw,J.B, 5916.
Hanson,C.V. 175.
Hanson,C.M. 6799.
Hanson,C.V. 4669.
Hanson,M.R. 4926.
Hanson,R.P. 1320, 2789, 2823, 4956, 6728, 6729.
Hansson,B.G. 1121.
Hanukoglu, A. 404.
Hao-yan,C. 1064.
Hapel,A.J. 1704.
Happ,G.M. 2809.
Haque,S.Q. 2748.
Hara,K. 5416.
Hara,T. 987.
Harada,R. 1805.
Haralambiev,H. 932.
Haralambiev,H.E. 2258, 2301.
Haran-Ghera,N. 324, 4373.
Harare,O. 6002.
Harasawa,R. 4938.
Harasek,G. 1077.
Harati,Y. 1943.
Harbour, D.A. 6.
Harcourt,G.C. 5673.
Hardas,U.D. 5669.
Harden,P.A. 6430.
Hardie,J. 5159.
Harding,M. 5009.
Hardison,J.E. 1084.
Hardt,F. 4332.
Hardy, G.E., Jr. 430.
Hardy,J.L. 6791.
Hardy,W.D.,Jr. 4319, 4361, 6526.
Hare,J.D. 8041.
Harel,J. 6983, 8044.
Harfast,B. 1678.
Harigai,H. 7673.
Hariri,D. 5489.
Harisdangkul,V. 6420.
Harkki,A. 7146.
Harkness,J.W. 4537, 8354.
Harkrider,J.R. 6792.
Harlap,S. 1903.
Harley, M.J. 399.
Harley,E.H. 4003.
Harley,E.J. 4234.
Harley,J.B. 1500, 5117.
Harmon,M.W. 903, 1646.
Harms,E. 827, 3558.
Harmsen,M. 5726, 5727.
Harnden,M.R. 1738, 5079.
Harpaz,I. 4042.
Harper,H.P. 4966.
Harper,J.D. 6942.
Harper,L. 5465.
Harper,P.A. 6597.
Harrap,K.A. 2826.
Harrington,D.G. 6503.
Harrison,B. 7489.
Harris,B. 7707.
Harris,E.D. 1829.
Harris,H. 8047.

Harris,J.C. 6490.
Harris,J.M. 2684.
Harris,J.O. 6724.
Harris,L.C. 3159.
Harris,L.S. 6512.
Harris,M.F. 5004.
Harris,R.B. 7085.
Harris,R.E. 1711.
Harris,T.J.R. 632, 651, 1372, 2192.
Harrison,A.K. 1263.
Harrison,B.D. 6151, 6152, 6925, 6943.
Harrison,M.J. 6759.
Harrison,P. 2549, 6497.
Harrison,S.C. 1390, 2132.
Harry,E.G. 2424.
Harry,T.O. 2890.
Harshman,J.S. 3372.
Hart,E.J. 2236.
Hart,R. 2464.
Hartel,G. 8463.
Hartemann,E. 5865.
Hartley,J. 7882.
Hartley,J.W. 2766, 4184, 6591, 6593, 8099.
Hartman,H. 1526.
Hartman,J.R. 4778.
Hartman,P.E. 2929.
Hartman,P.S. 6903, 7575.
Hartmann,D. 2451, 2505.
Hartmann,M. 7570.
Hartmann,M.A. 6868.
Hartmann,W. 5796, 5802.
Hartzman,R.J. 3071.
Haruna,I. 1462, 4762.
Harvey,A.M. 4172.
Harvey,J.J. 1033, 5136.
Harvey,R. 6449.
Harvey,R.G. 4758, 6548, 6896, 7695.
Harwell,W.B. 7257.
Harwin,R.M. 5961.
Hasegawa,A. 3405.
Hasegawa,T. 7852.
Hasek,M. 5731.
Haselkorn,R. 708, 812, 3416.
Haseltine,W.A. 2502, 4815.
Hashiguchi,Y. 7449, 8356.
Hashimoto,H. 5645.
Hashimoto,I. 1250.
Hashimoto,K. 2895, 3963, 4749.
Hashimoto,N. 1329.
Hashimoto,S. 4787.
Hashiro, G.M. 85.
Hasiba,U. 3207.
Haskell,T.H. 3647.
Hassani,A. 584.
Hassell,J.A. 1475, 2224.
Hastie,N.D. 1353.
Hastings,K.E.M. 758.
Hatakeyama,H. 7960.
Hatano,M. 6873.
Hatch, M.T. 288.
Hatch,M.H. 5670.
Hatfield,G.W. 98.
Hathout,H. 1902.
Hatie,C. 5113.
Hatsuoka,M. 8083.
Hatta,T. 2845, 3423, 5359, 7096, 7604, 7644.
Hatten,M.E. 1757.
Hattman,S. 4084.
Hattori,J. 4659, 7030.
Hattori,N. 1117.
Hattwick,M.A.W. 3247, 7364.
Haubenstock,H. 8102.
Haug,K.W. 5253.
Haukenes,G. 8011.
Haupas,P. 5946.
Hauschner,A. 287.
Hause,W.R. 2949.
Hauser,J. 7711.
Hauser,L. 4971.
Hausler, W.J., Jr. 427.
Hausler,W.J.,Jr. 8290.
Hausmann,R. 6846.
Hauswirth,W.W. 3977.
Hauw,J.J. 1944.
Havelec,L. 1873.
Havell,E.A. 4968, 6468.
Havemann,K. 8018.
Havemeister,G. 4508.
Havranek,P. 3535, 3549, 4929.
Havredaki,M. 6414.
Hawkes,P. 3753.
Hawkes,R.B. 7682.
Hawkins,D.L. 5011.
Hawkins,G.T. 1171.
Hawkins,R.B. 4872.
Hawley,D.M. 2106.
Hay,A.J. 3499.
Hay,J. 747.
Hay,K.A. 5793.
Hay,R.T. 747.
Hayakawa,H. 1530, 4868.
Hayakawa,Y. 4845.
Hayami,M. 1020, 2291, 6525.
Hayasaka,T. 7235.
Hayashi,K. 4485, 4940, 5314.
Hayashi,M. 4078.
Hayashi,S. 4941.
Hayashi,T. 490, 4607.
Hayashiya,K. 5770.
Hayatsu,H. 2792, 3976.
Hayden,G.F. 4286.
Hayes,A. 8209.
Hayes,C.G. 4553.
Hayes,E.C. 3412.
Hayes,F.A. 264, 1172.
Hayes,K. 3590.
Hayes,M.M.M. 398.
Hayes,T.G. 6468.
Hayhoe,F.G.J. 2088.
Hayles,L.B. 8417.
Hayman,M. 4182.
Hayman,M.J. 3466.
Haynes,B.F. 6514.
Haynes,J.R. 7560.
Haynes,R.H. 2114.
Hayreh,S.M.S. 8339.
Hays,E.F. 2495, 5830.
Hays,J.B. 806.
Hayward,W.S. 2227.
Haywood,A.M. 4736.
Hazelton,B.J. 8048.
Hazen,M. 8150.
Hazendonk,A.G. 5602.
Hazlett,D.T.G. 2411.
Heap,H.A. 831, 837.
Heard. T.W. 502.
Heard,A.J. 7472.
Heard,C.D. 1256.
Hearon,S.S. 1290, 6810.
Hearst,J.E. 3971.
Heasley,S. 146.
Heath,R.B. 353, 2255, 6421.
Hebebrand,L.C. 1712, 5733, 7998, 7999.
Heberling,R.L. 883, 5430, 8134, 8382.
Hebert,C.N. 935, 7066.
Hecht,F. 7263.
Hecht,Y. 7379.
Hecker,E. 3712.
Heckman,J.E. 4690.
Hedges,R.W. 4646.
Hedgpeth,J. 4088.
Hedlund,E.L. 2533.
Heft,J. 7138.
Hefti,E. 2204.
Hehlmann,R. 1780.
Heide,K.G. 856, 7863.
Heidelberger,C. 297.
Heidenreich,M. 5439, 8387.
Heider,G. 1340, 1958.
Heil,J. 4172.
Heilman,C.J.,Jr. 2794, 4699.
Hein,A. 1296, 6003.
Hein,U. 3397.
Heine,J.W. 892.
Heine,U. 129, 5840, 6221.
Heine,U.I. 8092.
Heiner,D.C. 3074, 6732.
Heinkel,K. 4447.
Heinrich,H.W. 6744.
Heinz,F. 853, 975, 4219, 5254.
Heinzer,I. 7172.
Heipertz,R. 1181.
Heise,H. 5163.
Heise,J.M. 588.
Helcl,J. 6709.
Held,J.R. 8364.
Heldt,N. 369.
Helenius,A. 2796.
Helgstrand,E. 2459, 4836.
Helinski,D.R. 7796.
Hellal,H. 1225.
Heller,A. 4965.
Hellgren,D. 6315.
Hellman,A. 1029, 8119.
Hellmann,W. 7453.
Hellriegel,K.-P. 579.
Hellstrom,I. 8128.
Hellstrom,K.E. 8128.
Helm,E.B. 8239.
Helman,J. 3001.
Helms,K. 2043, 2751.
Helms,M.J. 5964.
Heme,G. 1230, 1319, 1338, 1986, 3790, 8298.
Hemminga,M.A. 4709.
Hems,G. 1141.
Henchal,E.A. 4216.
Henco,K. 6247, 6923.
Henderson,W. 8282.
Henderson,D.A. 4506.
Henderson,D.C. 3317, 8409.
Henderson,D.R. 4254.
Henderson,E.E. 1010, 5795.
Henderson,F.W. 16.
Henderson,L. 1721.
Henderson,L.E. 6934, 7615.
Hendler, N. 379.
Hendler,H. 6634.
Hendley,J.O. 5065.
Hendriks,J. 8380.
Hendrix,R.W. 789, 7017.
Hengartner,H. 7172.
Hengeveld,P. 3202, 3528.
Henle,G. 7, 1057, 1813, 3149, 4309, 4310, 5031, 7065, 7986, 8152, 8213.
Henle,W. 7, 1055, 1057, 1813, 1815, 2519, 3149, 4309, 4310, 5031, 6516, 6831, 7065, 7982, 7986, 8152, 8155, 8213.
Henneberg,G. 8408.
Hennen,G.R. 5384.
Henning,H. 3844, 7324, 8249.
Henning,U. 4059, 6278.
Henriksen,O. 4238.
Henry,B.E. 750, 4035, 5481.
Henry,J.N.R. 7954.
Henry,N.W. 5327.
Henry,R.R. 5307.
Henry,R.Y. 4418.
Hensleigh,P.A. 8202.
Henson,T.E. 6689.
Hepler,P.R. 3921.
Hepp,R.F. 2742.
Heppner,G.H. 1799.
Herberman,R.B. 967, 3135, 3654, 3702, 5047, 7915.
Hercules,K. 7029.
Heremans Bracke,M.T. 5917.
Heremans,H. 1618, 1639, 7912.
Hergemoller,R. 6251.
Herisse,J. 6907.
Herlyn,M. 2275.
Herman,J. 4270.
Herman,R.C. 1377.
Hermans,P.E. 2453.
Hermodsson,S. 1121, 5266.
Hernandez,J.M. 5271, 5862, 5869.
Herndon,R.M. 5415.
Heron, I. 208.
Heron,I. 960, 1610, 4252, 4959, 5716.
Herrin,J. 8272.
Herrin,J.T. 7920.
Herring, J.A. 246.
Herring,D.S. 4360.
Herrler,G. 4722.
Herrlich,P. 2177, 6266, 7675.
Herrmann,B. 2233, 2806, 4250.
Herrmann,H. 2806, 3110, 3523, 3524.
Herrmann,K.L. 1710, 5002, 7275
Herrmann,R. 3525, 3633, 4227.
Herry,D. 3212.
Herschman, H.R. 331.
Herskowitz,I. 3447.
Herve,J.-P. 1230.
Herzberg,L. 8340.
Herzfeld,J. 6956.
Herzog,F. 7124.
Herzog,G. 1840.
Herzog,M. 6372.
Heschl,R. 7388.
Heslop,O. 2706.
Hess, R.T. 545.

Hess,E.V. 2393.
Hess,G. 866, 3951, 5997, 8319.
Hess,R.G. 941, 2151.
Hess,R.T. 7641, 8425.
Hesse,J. 8034.
Hestermans Medard,O. 5166.
Hestermans,O. 8210.
Hetrick,F.M. 3223, 5344.
Hettrick,K.L. 5838.
Heucke,H. 1987.
Heussler,M. 2366.
Hewer,C.L. 3768.
Hewetson,J. 750, 1815.
Hewetson,J.F. 7982.
Hewitt,R.R. 3974.
Heymann,D. 3760.
Heymann,D.L. 3520.
Heyne,E.G. 3917.
Hibi,N. 5464.
Hibino,H. 5378.
Hicklin,J.A. 5579.
Hickman,F.W. 6395.
Hickman,R.L. 4559.
Hicks,J.T. 2952, 3091, 5167.
Hidaka, H. 118.
Hidaka,H. 6154.
Hidaka,S. 6246.
Hidaka,T. 2234.
Hidaytallah,A. 5165.
Hides,D.H. 6801.
Hieber,J.P. 1898.
Hiebert,E. 5633.
Hiemstra,H. 5245.
Hierholzer,J.C. 3948, 6850.
Higashi,S. 1451.
Higbee,G.A. 6503.
Higgins,D.A. 5019.
Higgins,N.P. 4085.
Higgins,P.J. 2902.
Higginson,A.G. 5405.
High,P.A. 6148.
Highton,R.B. 3801, 3802, 3803.
Hightower,L.E. 782.
Hilbers,C.W. 2133.
Hild,R. 2610.
Hildenbrand,K. 2857.
Hilfenhaus,J. 1605, 6480.
Hilgers,J. 1639, 5155, 5835, 7074.
Hilkens,J.G.W. 67.
Hilkmann,H.A.M. 5835.
Hill, T.J. 6.
Hill,D.F. 6378.
Hill,H. T. 1964.
Hill,J.M. 1994.
Hill,M. 2900, 3398, 7000.
Hill,P.R. 5829.
Hill,R. 5734.
Hill,R.L. 6459.
Hill,R.W. 7538.
Hill,V.M. 7763.
Hilleman,M.R. 3050, 3612, 4564, 5406, 5443, 5663, 5705, 7148.
Hiller, F.C. 401.
Hiller,G. 1754, 4120.
Hillis,W.D. 3777.
Hillova,J. 2900.
Hilmas,D.E. 1255, 1256, 1641, 4559, 6107, 6503, 8406.
Himeno,M. 5770, 7047.
Hinaidy,B. 2818, 4937.
Hindennach,I. 6278.
Hines,D. 3689.
Hink,W.F. 594, 1448.
Hinkle,D.C. 4092.
Hinkle,N.F. 7829.
Hinman,A.R. 2634.
Hinman,J.R. 1663.
Hino,S. 665.
Hinshaw,V.S. 884, 2296, 6696.
Hinton,D.M. 1467.
Hinton,R.C. 4517.
Hinuma, Y. 201.
Hinuma,Y. 1439, 2959, 6287.
Hinz,H.J. 6371.
Hiraga,S. 2933.
Hirai,A. 1805.
Hirai,H. 5464.
Hirai,K. 2178, 5356.
Hirai,R. 1768, 8127.
Hirai,T. 4693.
Hiraki,S. 7262.
Hirano,A. 4398, 6331.
Hirano,N. 665, 4621, 5431, 6747.
Hirao,J. 6138.
Hirashima,A. 7559, 7673.
Hirata,K. 8083.
Hirayama,M. 3598.
Hirayama,N. 4622.
Hirigoyen,P. 5206.
Hirling,W. 7485.
Hirose,T. 811, 7670.
Hirota,K. 5068.
Hirsch Kauffmann,M. 2177.
Hirsch,I. 2288, 4670.
Hirsch,M.S. 2352, 5242, 5717, 7920.
Hirsch,R.L. 3078, 5702.
Hirschel,B.J. 1125.
Hirschhorn,K. 7.
Hirschman,S.Z. 5972.
Hirt,H.M. 1241, 5648.
Hirth,L. 3347, 4044, 5488, 6031, 6372, 6922, 7643.
Hiruki,C. 557.
Hirvonen,S. 1609.
Hiscock,J.A. 6422.
Hiscott,J.B. 6980.
Hitchcock, J.C., Jr. 429.
Hitchner,S.B. 4911, 5334.
Hiti, A. 210.
Hitzeman,R.A. 2170, 2171, 2873.
Hixson,D.C. 4381.
Hizi,A. 1392, 4810.
Hlozanek,I. 1341.
Hlozanek,J. 3101.
Hlubinova,K. 3134, 4355, 5110.
Hlustov,S.A. 4944.
Ho Kim, K. 441.
Ho-Yen,D.O. 7971.
Ho,C.K. 6535, 6863.
Ho,H.C. 1057, 2518, 4241.
Ho,H.H. 2760.
Ho,J.H.C. 343, 4392.
Ho,M. 906, 1845, 2315, 2990, 3172, 6090, 7978.
Hobbs,H.A. 6135.
Hobbs,J. 699.
Hobbs,M. 5284.
Hobbs,M.F. 1927.
Hobom,G. 4640.
Hoch,J.A. 6844.
Hockley,D.J. 460, 3597.
Hodakevic,L.N. 3258.
Hodder,R.A. 6680.
Hodge,F.A. 394.
Hodges,G.R. 8190, 6491.
Hoefert,L.L. 2749.
Hoelzer,J.D. 5108.
Hoeppner, T. 462.
Hoerr,F.J. 4289.
Hoeschele,J.D. 7688.
Hoess,R.H. 601.
Hoet,P. 7689.
Hoet,P.P. 4771.
Hoet,Ph. 728.
Hofecker,G. 5042.
Hofemeister,J. 7041.
Hoff-Jorgensen,R. 858, 1954.
Hoff,G.L. 8373.
Hoffbrand,A.V. 2544.
Hoffer,B. 6967.
Hoffman,A.H. 8309.
Hoffman,M. 1566, 1567.
Hoffman,R. 6584.
Hoffman,R.M. 4344.
Hoffmann,D. 7582.
Hoffmann,E.M. 7968.
Hoffmann,F. 2376.
Hoffmann,P.J. 131.
Hoffmann,R. 1959, 6748, 8360.
Hoffmann,S. 7119.
Hofmann,H. 2389, 4219, 4267.
Hofmann,R. 5163.
Hofmann,T. 6351.
Hofner,W. 2615.
Hofnung,M. 5554.
Hofschneider,P.H. 6831, 147, 161, 6391.
Hogan,M. 4642.
Hogg,N. 4301.
Hogg,N.M. 3692.
Hoggan,M.D. 6848.
Hohenauer,L. 7321.
Hohlova,G.G. 4944.
Hohn,B. 163, 7018.
Hohn,T. 7018.
Hohner,L. 1987.
Holan,V. 5731.
Holben, J.A. 1798.
Holben,J.A. 1042.
Holborow,E.J. 7989.
Holbrook,F.R. 1306, 6137.
Holden,H.E. 3119.
Holden,H.R. 4528.
Holden,H.T. 3135, 5736, 7915.
Hole,D. 3198.
Holgate,S.T. 1731.
Holguin,J. 7273.
Holland, P.V. 543.
Holland,J. 2438, 5432, 8006.
Holland,J.F. 336.
Holland,J.G. 7.
Holland,J.J. 636, 4029, 4627, 4885, 6828, 7598.
Holland,L.E. 6330, 7716.
Holland,P.V. 2649.
Holley,H.P.,Jr. 5684.
Hollinger,F.B. 3770.
Hollings,M. 4041.
Hollingshead,C.J. 5478.
Hollinshead,A.C. 5848.
Hollis,J.P. 2024.
Hollos,I. 2377.
Holloway,A. 4614.
Holloway,B.W. 3505.
Holman,R.C. 5881.
Holmes,R. 430.
Holmes,W.M. 98.
Holmes, I.H. 518.
Holmes,D.F. 5419.
Holmes,D.N. 8301.
Holmes,G.E. 6627.
Holmes,H.C. 3567, 4298, 5022, 5446.
Holmes,I.H. 852, 6211, 7742.
Holmes,K.K. 1083, 3070, 3266, 4512, 6609.
Holmes,K.M. 4061.
Holmes,K.V. 4850.
Holmes,P.H. 6096, 7156.
Holmes,S.J.I. 8446.
Holmgren,A. 720.
Holmquist,L. 5409.
Holmstrom,B. 4401.
Holsbrook,T.L. 3381.
Holscher,M. 1778.
Holscher,M.A. 6045.
Holt,S.C. 2816.
Holubova,J. 5259.
Holyoke,E. 7897.
Holz,B. 8455.
Holzhauer,C. 1978.
Homer,R.B. 644.
Honeycombe,J. 4509.
Hong,R. 5888.
Hongo,M. 8295.
Honigman,A. 1360, 4072, 4857.
Honma,T. 5123, 7231.
Hoo,R. 7528.
Hoofnagle,J.H. 8245.
Hooghe-Peters,E.L. 2771, 4246.
Hook,E.W. 7491.
Hooks,J.J. 2097, 6619.
Hoon,B.S. 7227.
Hooper,W.C. 5824.
Hoorens,J. 2700.
Hoorn,B. 4442.
Hoover,E.A. 1023, 1712, 2003, 2949, 4222, 6518, 7998.
Hope,S.L. 6430.
Hopf,U. 6542.
Hopken,W. 3245, 5213, 5989.
Hopkins,M.S. 7518.
Hopkins,N. 46, 1374, 3399.
Hopkins,P. 2509.
Hopkins,R. 4229.
Hopman,P.C. 7630.
Hoppe,I. 2637.
Hoppeler,A. 6482.
Hoppes,H.E. 2370.
Hopps,H.E. 2391, 2403.
Hopwood,D. 6725.
Horacek,J. 421.
Horak,I. 4796.
Horak,V. 7833.
Horak,W. 5996, 7322.
Horbowska,H. 2570.
Hordof,A.J. 4403.
Horecker,B.L. 3682.

IRL©1979

Horejs,J. 5748.
Horejsf,J. 4505.
Horejsi,J. 7377.
Horenstein,L. 6690.
Hori,K. 725.
Hori,S. 307.
Horikoshi,A. 6964.
Horingklee,W. 8038.
Horino,K. 8227.
Horiuchi,K. 4636.
Horiuchi,T. 243, 8295.
Horn,M.E.C. 6644.
Horn,R.G. 1778.
Hornberg Solaas,M. 1593.
Horne,C.W. 3932.
Horne,R.W. 2833, 6955.
Horne,T.J. 7364.
Hornig,C. 5919.
Horodniceanu,F. 4211, 5098, 5794.
Horoszewicz,J.S. 7916, 2979, 7897.
Horowitz,M. 2878, 4099, 4780.
Horowitz,S.D. 5888.
Horrobin,D.F. 2087.
Horsfall,J.G. 8474, 8475, 8476.
Horst, R.K. 2039.
Horst,R.K. 5360.
Horstmann,D.M. 4487, 5040.
Horswood,R.L. 5349, 6788.
Hortling,L. 1013, 2472, 2546, 4359.
Horvath,A. 7506.
Horvath,J. 5365, 5366, 7506, 8438, 8439.
Horvath,L. 2507.
Horvath,Z. 5812, 7072.
Horwitz,A.F. 1757.
Horwitz,C.A. 3074.
Horwitz,M.S. 128, 4106, 7710.
Horwitz,S.B. 7710.
Horzinek,M.C. 540, 2148, 3866, 6100, 6101.
Hosaka,Y. 1320.
Hoshino,M. 4853.
Hoshino,Y. 4630.
Hoskins,T.W. 2401, 3199, 8278.
Hosoda,J. 110.
Hossenlopp,P. 4105.
Hostetter,D.L. 5357, 8421, 8426.
Hotta,S. 5075, 5076, 5077.
Houff,S.A. 3108, 6689, 6785.
Hougland,A.E. 5785.
Houk,E.J. 6791.
Houmard,J. 1455.
Hourihan,S.L. 3982.
House,J.A. 2689, 3052.
Housset,E. 8093.
Houthoff,H.J. 1060, 4452.
Houts,G.E. 3467.
Houwen,B. 4452.
Houwers,D.J. 8380.
Houwing,C.J. 784.
Hovi,T. 5677, 7225.
Howard,C.R. 523.
Howard-Flanders,P. 5583.
Howard, D. 60.
Howard,B.H. 1017, 4180.
Howard,C.J. 2018.
Howard,C.R. 285, 1592, 2714, 3903, 6455.
Howard,D.K. 1796, 3119.
Howard,R.J. 4308, 7977, 8206, 8331.
Howard,W.R. 8196.
Howe,C. 4596, 683.
Howe,M. 4867.
Howe,M.M. 3390, 4866.
Howell,L.J. 4547.
Howell,R. 3144.
Howes,E.L. 4304, 7857.
Howett,M.K. 8060.
Howk,R.S. 4363.
Howlett,S.A. 7391.
Howley,P.M. 196, 2508, 4600, 4658, 6202, 6864, 7580.
Hozoc,M. 3705, 5162.
Hozumi,M. 8118.
Hozumi,T. 5827.
Hradecna,Z. 7570.
Hrdy,D.B. 6913.
Hren-Vencelj,H. 5417.
Hristov,St. 2421.
Hronovsky,V. 4620.
Hruby,D.E. 4157, 4798.
Hruby,M.A. 1879.
Hruskova,J. 927, 975.
Hrusovska,K. 8269.
Hsiao,C.L. 793, 1518, 1519, 1525.
Hsieh,T. 114.
Hsieh,W.-C. 6452.
Hsiu-yun,W. 1064.
Hsiung,G.-D. 2159.
Hsiung,G.D. 531, 532, 8195.
Hsu,C.H. 799, 1304, 1398.
Hsu,K.C. 5342.
Hsu,M.-C. 6938.
Hsu,M.-T. 2184, 3417, 7785.
Hsu,S.H. 2625.
Hsu,T.C. 4980.
Hsu,T.W. 1499, 2199, 2201, 5804.
Hsu,W.-T. 4758, 7695.
Hsu,W.T. 6548, 6896.
Hu,C.-P. 3542.
Hu,D. 3338.
Hu,L.-Y. 2712.
Hu,S.-C. 16.
Hu,S.-L. 4072, 4857.
Hu,S.S.F. 312, 824, 4678, 4880, 7593.
Huang,C.Y. 203.
Huang,A.S. 3522, 4826, 7596, 7622.
Huang,C.-H. 2089.
Huang,C.Y. 1595.
Huang,D.P. 1057.
Huang,E.-S. 578.
Huang,K. 2305.
Huang,S.-N. 7869.
Huang,W.C. 2625.
Huang,Y.-T. 5907.
Huard,M. 2736.
Hubalek,Z. 3302, 3303, 4942, 6684.
Hubbert,W.T. 6504.
Huber,J.-P. 6981.
Huber,S. 3654.
Hubschle,O.J.B. 6757.
Huchthausen,B. 7582.
Huchzermeyer,F.W. 4529.
Hudson,B.W. 6524.
Hudson,H.P. 1551.
Hudson,J.B. 1482, 5313, 5499.
Hudson,J.S. 7464.
Huebner,K. 4789.
Huebner,R. 6585.
Huebner,R.J. 5829.
Huffman,J.H. 3651.
Hug,G. 5345, 5921.
Huggins,A. 6497.
Hughes,C.A. 3753.
Hughes,C.S. 5307.
Hughes,J.H. 6622.
Hughes,J.T. 6033.
Hughes,J.V. 3429, 7546, 7787.
Hughes,S. 146, 7822.
Hughes,S.H. 2202.
Huh,N. 1768, 3660.
Huhold,K. 7407.
Huijberts,N. 4604.
Huismans,H. 4801, 5502.
Huizenga,J.R. 4452.
Hukuhara,T. 673.
Hulhoven,R. 1932.
Hull,R. 80.
Hull,R. 644, 6888.
Hull,R.A. 7837.
Hulsebos,T. 2778.
Humair,L. 1125.
Humayun,M,Z. 4869.
Humphrey,J.H. 6831.
Humphreys,G.O. 7791.
Humphries,S. 6993.
Hungai,J.N. 3606.
Hunsmann,G. 2367, 2487, 4021, 4703.
Hunt,C. 611.
Hunt,E.L. 2717.
Hunt,L.A. 2822.
Hunt,R.D. 1009, 7952, 8061.
Hunt,V. 6423.
Hunter,A.R. 6742.
Hunter,D.B. 1210.
Hunter,E. 4182, 6876, 7221.
Hunter,P.A. 4410.
Hunter,R. 4547.
Hunter,T. 729, 769, 1501, 2179, 2882, 2957, 4936, 5470, 5534, 6319.
Hunter,W.M. 6432.
Huppe,B. 7496.
Huppert,J. 692, 862, 5295.
Huraux,J.-M. 4263, 5239, 7183.
Huraux,J.M. 3149, 6511.
Hurni,W. 5406.
Hurst,C.J. 425.
Hurtado de Mendoza Amat,J. 5868.
Hurter,L.R. 1231.
Hurtrel,B. 971.
Hurwitz,J. 137, 138, 752.
Husimi,Y. 6891.
Hussl,B. 8183.
Hutchins,P. 1862.
Hutchinson,W.M. 3273.
Hutchinson,G.W. 1219.
Hutchinson,M.A. 2179, 4936.
Hutchinson,M.J. 1947.
Hutchison,C.A., III 7028, 1361, 1362.
Huth,F. 1047, 4391.
Hutt,L.M. 5907.
Hutt,M.S.R. 5165.
Hutteroth,T.H. 5951, 6542.
Huttinga,H. 4604, 6119.
Hutto,J.H.,Jr. 7391.
Huxtable,C.R. 6043.
Hyatt,C.L. 3112.
Hyder,S.L. 2240.
Hyland,C.A. 6430.
Hyman,R. 5421.
Hyman,R.W. 7610, 7611.
Hyndiuk,R.A. 1936.
Hynes,N.E. 4821.
Hynes,R.O. 2483, 5127, 6555.

Iacobescu,V. 5988.
Iacono,G. 5872, 5955.
Ianconescu,M. 5104.
Iannetti,P. 7293.
Iatropoulos,M.J. 1966.
Iba,H. 5460.
Ibrahim,A.L. 2422.
Ibrahim,I.K.A. 2024.
Ibric,L. 3705.
Icekson,I. 6979.
Ichihashi,Y. 2536.
Ichijo,S. 7231.
Ichikawa,T. 3185.
Ide,P.R. 938, 5699, 8027.
Idestrom,K. 7117.
Idris,A.A. 3801, 3812.
Ielasi,G. 5939.
Ieven,M. 4339.
Iffland,E. 5937.
Iftimovici,M. 5480.
Iftimovici,R. 5988.
Ifzal,S.M. 3648.
Igarashi,A. 6419, 7131.
Igarashi,K. 38, 306, 7251.
Igartua,E.B. 5954.
Iglewski,W.J. 8071.
Ignateva,E.N. 3162.
Ignatov,G. 2258.
Ignatov,G.T. 2301.
Ignjatovic,J. 1020, 2291.
Ignoffo,C.M. 5357, 8421, 8426.
Iguma,H. 1552.
Ihara,S. 135.
Ihle,J.N. 321, 1027, 1714, 1782, 1790, 1791, 2367, 2489, 5045, 5148, 5831, 6596.
Iida,H. 6294, 7040.
Iida,S. 6192.
Iinuma,M. 1403, 4852, 4853.
Iizuka,N. 4582.
Ikawa,S. 4903, 7566.
Ikawa,Y. 5805, 8106.
Ikeda,H. 1035, 3690, 7235.
Ikeda,J.-E. 7710.
Ikeda,S. 7557.
Ikeda,Y. 6194, 6196, 7571, 7572, 7674.
Ikede,B.O. 4554.
Ikegami,M. 3480, 4693.
Ikehara,K. 6294.
Ikehara,M. 111, 1466, 2341, 6153.
Ikemura,T. 805.
Ikerionwu,S.E. 1868.
Ikoku,A. 3971.
Ikram,H. 1329.

Ikuta,K. 1012, 1386, 6332, 7890.
Ilan,Y.A. 3492.
Iliinsky,Yu.A. 2669.
Illinger,D. 5649.
Ilonen,J. 7973.
Ilstrup,D.M. 2399.
Ilyashenko,B.N. 1358, 3506, 4898.
Ilyin,Yu.V. 6381.
Ilyinskaya,T.N. 5122.
Imachi,J. 8233.
Imagawa, D. 235.
Imai,A. 1110, 3788.
Imai,M. 5632, 6259.
Imai,S. 5155.
Imaizumi,K. 1208.
Imamoto,F. 1552.
Imanaka,T. 6189.
Imbs,D. 4212, 4918.
Imparato,B. 5188.
Imperato,P.J. 3044.
Imray,W.S. 1963.
Inaba,Y. 1257, 1970, 2149, 2948, 4247, 4941, 7960.
Inada,T. 1692, 1694, 1695.
Inage,F. 5721, 6450.
Inbar,M. 3435, 3701, 7298.
Indira Bai, K. 223
Indzie,E. 5048.
Ing,T.S. 4997.
Ing,W.K. 7145.
Ingalls, T.H. 7136.
Ingalls,J. 7952.
Ingegno,A.P. 1180.
Ingemann Jensen,J. 8334.
Inglis,J.M. 5176, 6644.
Inglis,S.C. 6362.
Inglot,A.D. 5834, 7894.
Ingram,D.G. 1211, 6048.
Ingrand,D. 4263, 7183.
Inman,R.B. 2868.
Innes,N.L. 6120.
Inokuchi,Y. 7559.
Inoue, M. 206.
Inoue,H. 1272, 1273, 1274, 3906, 5385, 6138.
Inoue,M. 8083.
Inoue,Y.K. 577.
Inouye,S. 2436, 3405.
Inque,H. 4708.
Inui,K. I. 1005.
Inui,S. 1245, 1246, 1997, 7449, 8355, 8356.
Ioachim,H.L. 5146.
Iodice,R. 4394.
Ionescu,N. 1894, 3222, 7338.
Ionescu,V. 6695.
Ioppolo,A. 3607.
Ip,H.M.H. 4500.
Ippen,H. 7385.
Ippen,R. 5841.
Ipsen,J. 8334.
Irgens,K. 573.
Iritani,Y. 1328.
Irvin,A.D. 7550.
Irving,L.G. 6423.
Irving,R.A. 6351.
Isaacson,M. 3519, 3761, 3805, 3835, 5260, 6768.
Isaacson,R.E. 2690.
Isaak,D.D. 5044.
Isacenko,V.A. 4944.
Isachkova,L.M. 7448.
Isacsohn,M. 1903, 5203.
Isaia,G. 921.
Isaka,T. 5805.
Isakova,T.I. 6651.
Isayeva,E.I. 7884.
Isenberg,R.A. 3075.
Iseri,O.A. 6662.
Ishak,K.G. 5870.
Ishibashi,K. 2163.
Ishida, T. 491.
Ishida,M. 6179.
Ishida,N. 654, 1152, 2300, 3276, 3788, 3876, 6457, 7433, 7824, 7926, 8266, 8295.
Ishida,S. 4989.
Ishida,T. 6057.
Ishida,Y. 2478, 7215.
Ishihama,A. 841.
Ishii,K. 7938.
Ishii,S. 7852.
Ishii,T. 1983.
Ishikawa, E. 194.
Ishimaru,Y. 2609.
Ishimoto,A. 2766, 4184.
Ishioka, S. 3.
Ishizawa,M. 5827.
Isichei,U.P. 4445.
Islam, S. 454.
Islam,M.N. 6704.
Isler,D. 6688.
Ismailov,A.Sh. 1145, 4218.
Isobe,T. 2911.
Isom,H.C. 3442, 8062.
Isomaki,H. 5656.
Isomura,S. 2374, 3185.
Isono,H. 7631.
Isono,N. 1599.
Isoun,T.T. 5343.
Israel,E. 3676, 3678.
Israel,H.W. 2831, 3349.
Israel,M.A. 2508, 3982, 4873, 4874, 6202.
Israeli Reches,M. 4761, 4894.
Issel,C.J. 3516, 5428, 6071.
Isselbacher,K.J. 1005, 5777.
Istomina,T.I. 438.
Itabashi,H.H. 6732.
Itahara,K. 3276.
Itakura,K. 811, 7670.
Itikawa,H. 6401.
Itkin,B.Z. 5121.
Ito,J. 1383, 6191.
Ito,K. 6303.
Ito,M. 725, 726, 7897.
Ito,R. 5343.
Ito,T. 2691, 4696, 6016, 8376, 8377.
Ito,Y. 895, 1970, 2149, 3568, 6460, 7542.
Itoga,M. 2160.
Itoh,T. 2713, 7235.
Itoh,Y. 4949.
Itohara,S. 8083.
Itselis,F.G. 5617.
Iturriaga,H. 1068.
Iudicello,P. 4228, 5949.
Ivan,A. 1918.
Ivanenko,T.P. 3300.
Ivanov,M.T. 5479.
Ivanov,V.N. 6927.
Ivanova,N.A. 7362.
Ivanova,V.T. 1400, 4943, 4944, 5471.
Iversen,J.O. 8417.
Iversson,L.B. 3781.
Iwabuchi,M. 3659.
Iwai, P.J. 548.
Iwai,H. 2713.
Iwakura,Y. 207, 4967.
Iwarson,S. 1121, 5266, 8265.
Iwasaka,T. 4612, 7719.
Iwasaki,T. 3569.
Iwasaki,Y. 1521.
Iwata,A. 5526.
Iwatsuki,S. 5293.
Iyer,V.N. 4201.
Izadpanah,K. 3354.
Izawa,F. 2265.
Izawa,H. 596.
Izotov,V.K. 5425.
Izzo,R. 4394.

Jabbour,J.T. 2404, 5298.
Jablon,S. 3850.
Jablonska,S. 8144.
Jackson,D.C. 205.
Jackson,J. 314.
Jackson,A.O. 3333, 7778.
Jackson,C.M. 6422.
Jackson,D. 6790, 7458.
Jackson,D.C. 1573, 1697, 4955.
Jackson,E.N. 6193.
Jackson,G.G. 3268.
Jackson,J. 1741, 6551.
Jackson,M.B. 6961.
Jackson,R.S. 7931.
Jackson,T.A. 4531.
Jacob,A. 7466.
Jacob,J.R. 4877.
Jacob,J.T. 8264.
Jacob,R.J. 4116.
Jacobs, J.P. 460.
Jacobs,K.G. 5935.
Jacobsen,S.J. 4344.
Jacobson,A. 4674, 4676.
Jacobson,J. 1848.
Jacobson,J.E. 4282.
Jacobson,L.A. 5522.
Jacobson,S. 7544.
Jacobsson,P.A. 7167.
Jacoby, W.D., Jr. 420.
Jacoby,R. 8234.
Jacquemin,P.C. 4319.
Jacquemond,M. 643.
Jacrot,B. 677, 7643.
Jadhav,M. 5208.
Jaeger-Denavit,O. 1857.
Jaeger,O. 3650, 3897.
Jaenisch,R. 2206, 4882, 5536, 5537.
Jaffe-Brachet,A. 5590, 5591.
Jaffe,B.M. 7242, 8108.
Jaffe,H.W. 7275.
Jaffe,L.R. 7356.
Jagelman,S. 1254, 2007, 5337, 5338.
Jahagirdar,V.L. 5669.
Jahn,P. 5682.
Jahnke,P. 7028.
Jahrling,P.B. 1256, 3319.
Jain,N.C. 6947, 7537.
Jain,N.K. 5237.
Jain,P.K. 7260.
Jain,S. 1175.
Jakab,G.J. 6538.
Jakab,L. 3640.
Jaken,S. 2983.
Jakowski,R.M. 2090.
Jakubik, J. 242.
Jakubik,J. 5012.
James,M.D.,Jr. 204.
James,A.P. 4201.
James,H.D.,Jr. 3789, 6502.
James,K. 5148.
James,L.C. 821.
Jameson,P. 2316.
Jamjoom,G.A. 4804.
Jamra,M. 1056.
Jan,C. 3791, 3792.
Janda,H.-G. 140.
Janda,H.G. 4120.
Janda,J.M. 1431, 5433.
Jankowski,M. 4918.
Jankulova,M. 674.
Jankulova,M.B. 2832.
Jann,K. 4059.
Jannetta,P.J. 1845.
Janout,V. 927, 2603.
Janowski,M. 1375.
Jansen,P. 6251.
Jansen,F.K. 8402.
Jansen,P. 4915.
Jansone,I. 4641.
Jansone,I.V. 602.
Janssens,J. 5558.
Jansz,H.S. 707, 2874, 4638.
Jantschak,J. 1465.
Japelj,M. 8031.
Jaques,R.P. 2740.
Jariwalla,R.J. 5099.
Jarkovsky,Z. 7710.
Jarrett,O. 202, 2481, 4550.
Jarrett,W.F.H. 1747, 1748.
Jarvik,V. 7020.
Jarvis,A.P. 209, 4258.
Jarvis,A.W. 4935.
Jarzabek-Chorzelska,M. 8144.
Jaskunas,S.R. 1553.
Jaspal,D. 7315.
Jaspars,E.M.J. 641, 784, 2846, 4687, 6371.
Jastrzemski,K.B. 1469.
Jaton,J.C. 4133.
Javadpour,N. 3112.
Jay,F.T. 1625, 1750, 4093.
Jay,G. 1750, 8122.
Jayaprakesh 5306.
Jayaraj,S. 550, 3901, 6794, 7462, 8415.
Jayaraman,M.S. 1685, 5424, 7964.
Jayasinghe,U. 7501.
Jayavasu,J. 3750, 4248.
Jazbec,I. 7232.
Jean,J.-H. 6168.
Jean,P. 5719.
Jeantet,A. 1163.
Jeanteur,P. 5408, 6238, 7617, 7752.
Jebbett,J. 946.
Jedlicka,L. 3242.
Jeff, A.E. 563.

IRL©1979

Jeffers,G. 5428.
Jeffries,A.R. 7402.
Jeffries,C. 2553.
Jeffries,C.D. 1847.
Jehan,P. 2599.
Jelalian,K. 7006.
Jelinek,W. 1477.
Jelliffe,D.B. 7319.
Jelliffe,E.F.P. 7319.
Jemli,J. 584.
Jemmett,J.E. 3053.
Jen,K.F. 4945.
Jeng,Y. 738.
Jenkins,M. 854.
Jennette,J.C. 3695.
Jennings,L.C. 437.
Jennings,D.L. 2744.
Jennings,F.W. 7156.
Jennings,L.C. 1070.
Jennings,R. 1265, 3597, 4999, 5052, 5346, 6104, 6497, 6532, 7186.
Jennsen,D.M. 1725.
Jense,H. 141.
Jensen,F. 6505.
Jensen,F.C. 3381, 4181, 6237, 7299.
Jensen,H.R. 1896.
Jensen,K.F. 763.
Jensen,M.K. 8154.
Jenser,G. 8454.
Jenson,A.B. 585, 5349.
Jentz,L.A. 7304.
Jeong,E.-B. 3243.
Jepsen,L.V. 5844.
Jerabek,J. 4296.
Jeren,T. 8217.
Jericho,K.W.F. 1247.
Jerome,L.J. 967.
Jeseen,O. 1934.
Jesset,D.M. 2962.
Jessup,D. 8407.
Jesudoss,E.S. 5973.
Jesus M. Castaneda,G. 2412.
Jesus M. Jimenez,C. 2412.
Jett,J.H. 592.
Jetteur,P. 6870, 7975, 8344.
Jezequel,C. 2599.
Jhaveri, R. 218.
Jhaveri,R. 1652.
Jhooty,J.S. 6813.
Jilkova,M. 2036.
Jimenez,F. 4152.
Jindal,S. 3639.
Joassin,L. 2077.
Job,L. 6605, 7897.
Jochim,M.M. 1585.
Jockusch,B.M. 1770.
Joelson,L. 3843.
Joens,L.A. 833.
Joffe,M.I. 278.
Joffe,R. 4909.
Johannsen,B.A. 8161.
Johansen,E.S. 7375.
Johansson,B. 3150, 5164.
Johansson,M.E. 7167.
John,T.J. 387.
John,F. 8318.
John,T.J. 8281, 3749, 5208, 5247, 5915, 5973, 8318.
John,V.T. 7471, 8445.
Johns,V. 7809.
Johnsen,H.E. 5034.
Johnson-Lussenburg,C.M. 3646.
Johnson-Thompson,M. 5528.
Johnson, R.H. 410.
Johnson,A.J. 7085.
Johnson,B. 3808.
Johnson,B.K. 4942, 5606.
Johnson,D.W. 1327.
Johnson,E.M. 653.
Johnson,F.L. 4311.
Johnson,H. 8461.
Johnson,H.M. 1623, 2344, 6470.
Johnson,J.D. 2657.
Johnson,J.E. 6261.
Johnson,K. 3383.
Johnson,K.M. 3421, 3520, 3758, 3760, 3809, 3834, 3835, 8230.
Johnson,K.P. 2016, 7188.
Johnson,N.P. 7688.
Johnson,P.E. 903, 1646.
Johnson,P.J. 1060, 4396, 4504.
Johnson,R.A. 6788.
Johnson,R.C. 5588.
Johnson,R.E. 2455.
Johnson,R.G. 7214.
Johnson,R.T. 469, 1048, 2762, 3277, 4366, 4822, 5415, 5702, 7288.
Johnson,S. 7145.
Johnson,T.C. 3429, 6778, 6779, 7546, 7787.
Johnson,W. 8209.
Johnson,W.T. 6636.
Johnsson,T. 8312.
Johnston,J.E.,III 7492.
Johnston,D.E. 2867.
Johnston,J. 5260.
Johnston,R.W. 7424.
Johnstone,E.C. 8185.
Johnstone,E. 5883.
Johnstone,E.C. 5884.
Johnstone,G.R. 3919, 8452.
Johnstone,M. 282.
Joicey,D.H. 714.
Jokes,M. 8435.
Joklik,W.K. 1392, 2138, 2339, 4254, 4810, 6213.
Jolicoeur,P. 4819, 8101.
Joliot,A.-Y. 3769.
Jolly,J.F. 6295.
Jonard,G. 643, 4689.
Jonasson,O. 1080.
Jonathan,P. 1524.
Joncas,J. 7983.
Joncas,J.H. 5719, 5895.
Jondal,M. 6516.
Jones-Baade,R. 1682.
Jones, D.M. 523.
Jones,A.S. 1000, 8039.
Jones,A.T. 3353, 5492, 8460.
Jones,B.R. 3839, 4410.
Jones,C. 4029, 4307, 8006.
Jones,C.L. 4885, 5432.
Jones,E.A. 8014.
Jones,E.V. 10.
Jones,G.E. 8379.
Jones,G.R. 3198.
Jones,J.M. 4378.
Jones,K. 154.
Jones,K.W. 4788, 6598.
Jones,L.P. 3858.
Jones,M.O. 3447.
Jones,P. 1729.
Jones,P.C. 7717.
Jones,R. 4450.
Jones,R.A.C. 1291, 1321, 2071, 7504.
Jones,R.C. 5307.
Jones,R.F. 3703.
Jones,S.R. 3576.
Jones,W.E. 3246.
Jones,W.I. 7113.
Jongen-Neven,I. 3477.
Jons,V.L. 2753.
Joos,T. 2465.
Joosting,A.C.C. 5961.
Jordal,R. 4977.
Jordan,M.C. 8400.
Jordan,P.A. 1660, 1711.
Jordan,S.J. 5579.
Jordan,S.M. 5609.
Jordan,T. 4229.
Jorge,A.D. 456.
Jorning,G.G.A. 3528.
Jose Rivera,M. 99.
Joseph,C.E. 1249.
Joseph,D.R. 6596.
Josephson, L.M. 551.
Josephson,E.S. 5230.
Josey,W.E. 4389, 4461.
Joshi,M.M. 2024.
Joshi,R.C. 495.
Joshi,S.H. 6710.
Joshi,V.V. 1908.
Joshua,H. 5248.
Josse,M. 6054.
Jou,W.M. 4864.
Joubert,J. 5419.
Joubert,J.D. 3267.
Joullie,M.M. 1001.
Jovanovic, D. 192.
Jove,D.F. 7275.
Ju,G. 591.
Jucker,R. 2245.
Juckes,I.R.M. 2152.
Judson,F.N. 4463.
Juel-Jansen,B. 1843.
Julliot,T.S. 7800.
Jung,H. 8260.
Jungwirth,C. 140, 2330, 4120.
Jurajda,V. 3101.
Jurasek,A. 4193.
Juretic,N. 4237.
Juricek,D.K. 2186.
Juricova,Z. 3302, 6684.
Jurkovicova,M. 4005.
Just,M. 1888, 3047, 7950.
Justesen,J. 7046.
Juvenal Balestrini,C. 2412.

Ka,S.L. 2712.
Kaaden,O.-R. 2264.
Kaaden,O.R. 1222, 1387, 3082.
Kaariainen,L. 2894, 7614.
Kaback,H.R. 2978.
Kabat,D. 4020, 4883, 6240.
Kabiri,M. 6767.
Kacarova,R. 8203.
Kachevsky,V. 5774.
Kacich,R. 4165.
Kaczmarski,M. 3204.
Kadar,D. 6578.
Kaden,J. 5962.
Kaden,V. 1688.
Kadirman,I. 7832.
Kadishaite,D.L. 5434.
Kadivar,D. 6767.
Kado,C.I. 4576.
Kadosaka,T. 5091.
Kadowaki,Y. 7180.
Kadyrova,A.A. 4969, 5638, 5653.
Kaeckenbeeck,A. 6054.
Kaelin,H. 1753.
Kaerlein,M. 4796.
Kaerner,H.C. 3993, 4668.
Kaesberg,P. 42, 1488, 6333.
Kagan,B.M. 1838.
Kagiyama,N. 2713.
Kagramanova,V.K. 6224.
Kahan,A. 7121.
Kahan,I.L. 4543.
Kahana,C. 7694, 7696.
Kahana,E. 6030.
Kahl,W. 520.
Kahmann,R. 7665.
Kahn,D.E. 2003, 3282, 6518.
Kahn,M. 6969.
Kahn,R.P. 3936.
Kahrs,R.F. 8301.
Kai,K. 5429.
Kaiser,A.B. 6628.
Kaiser,W.J. 5387.
Kaiserova,E. 1727.
Kaitazova,P.Y. 8420.
Kajander,A. 5656.
Kajefez,F. 2023.
Kaji,A. 693, 2201, 5804.
Kajtar,J. 5812.
Kakitani,H. 5460.
Kakiuchi,N. 2341.
Kakubava,V.V. 5479.
Kakumu,S. 987.
Kalamkaryan,A.A. 7060.
Kalasauskaite,E. 6957.
Kalasauskaite,E.V. 5595.
Kalff,M.W. 6024.
Kalica, A.R. 204.
Kalica,A.R. 2124, 3789, 5882, 6502, 6932.
Kalichava,G.S. 3414.
Kalinin,V.L. 4861.
Kalinin,V.N. 1358, 2183.
Kalinina,L.I. 5436.
Kalinina,L.N. 5920.
Kalinina,N.O. 4748.
Kalinowska,B. 2600.
Kalitina,T.A. 569, 6858.
Kallen,R.G. 1.
Kallin,B. 5500.
Kallio,A. 2472.
Kalliomaki,J.L. 1601.
Kalmakoff,J. 193, 3909.
Kalmykov,P.V. 1436.
Kalnins, V.I. 158.
Kalnins,V.I. 4849.
Kalter,H.D. 7560.
Kalter,S.S. 883, 5430, 8134.
Kaluza,G. 5925.
Kalwinsky,D. 8209.
Kalyanaraman,V.S. 149, 2858.
Kam Hansen,S. 5056.

Kamada,M. 7854.
Kamahora,T. 8076, 8077.
Kamano,S. 5356.
Kamata,T. 690, 6287, 7723.
Kameda,S. 1117.
Kamen,R. 3983, 4094, 4095, 4776.
Kamen,R.I. 732.
Kameyama,S. 4989.
Kamilova,A.I. 1730.
Kamine,J. 2901, 3469.
Kaminsky,R.G. 391.
Kamm,A.R. 3544.
Kamolz,U. 8284.
Kamp,A. 3028.
Kamp,D. 7665.
Kampa,D. 5601.
Kanakoudi,F. 7989.
Kanamitsu,M. 8287.
Kanapathipillai,M. 6698.
Kanatov,E.P. 4995.
Kanazawa,H. 6400.
Kanda,T. 2019.
Kandel,J. 7771.
Kandybin,V.N. 4567.
Kane, A. 276.
Kaneko,T. 4175.
Kaneva,Z. 8203.
Kang,C.Y. 1495.
Kang,S.K. 638, 1404.
Kangro,H.O. 6421.
Kani, K. 455.
Kaniewski,W. 6225.
Kanitz,C.L. 1201, 5029, 6753.
Kanna,P.L. 1785.
Kannan,P. 3901.
Kanra,G. 2585, 5204.
Kantor,G.S. 8174.
Kantor,R.J. 8320.
Kantorovich Prokudina,E.N. 781, 2732, 6918, 2099.
Kantotovich,R.A. 6615.
Kao,C.-L. 6452.
Kao,Y.-Y. 4599.
Kapellerova,A. 6616, 6617.
Kaper,J.M. 7605.
Kaper,J.M. 7503.
Kapikan,A.Z. 2124.
Kapikian,A.Z. 204.
Kapikian,A. 3948.
Kapikian,A.Z. 391, 1860, 2257, 2259, 2577, 2728, 3228, 3229, 3789, 5882, 6416, 6502, 6681, 8228, 8229.
Kapitza,E.L. 6305.
Kaplan,A.S. 625, 2795.
Kaplan,D.A. 4768.
Kaplan,H.S. 1791, 2083, 2522, 3131, 4362.
Kaplan,J.C. 8045.
Kaplan,L. 1594.
Kaplinsky,C. 1168.
Kaplowitz,N. 3778.
Kapoor,A.K. 426, 2433.
Kaptein,R. 2133.
Kaptsova,T. 7058.
Karabasheva,V. 4947.
Karabasheva,V.N. 985.
Karabatsos,N. 963, 2070, 6451.
Karaivanova,G. 6668.
Karaki,T. 514, 1983.
Karakousis,C. 7897.
Karam,J. 4870, 4871.
Karande,A. 8113.
Karandinos,M.G. 4565.
Karapats,N.M. 8271.
Karas,F.R. 1899.
Karasawa,T. 889.
Karasek,E. 3314.
Karazhas,N.V. 3109, 8147.
Karbisheva,E.A. 1527.
Karcher,D. 8343.
Karchi,Z. 2746.
Karelin,V.P. 2079, 5616.
Karge,E. 1688.
Karimov,S.K. 1224.
Karinskaya, G.A. 222.
Karinskaya,G.A. 910.
Karjalainen,H.E. 874.
Karmali,R.A. 2087.
Karmysheva,V.Ya. 1690.
Karner,J. 3332.
Karoji,Y. 514, 1983.
Karpas,A. 1059, 1817, 2088.
Karpatkin,M. 3572.
Karpatkin,S. 8051.
Karpenko,L.V. 2021.
Karpetsky,T.P. 7898.
Karpinska,E. 3057.
Karpinski,S. 7075.
Karpova,E.F. 6874.
Karpova,G.G. 27, 29, 6188.
Karpova,L.S. 8271.
Karrar,A.E. 7437.
Karsai,T. 329.
Karshin,W.L. 7618.
Karte,H. 389.
Karulin,B.E. 4486.
Kasa,M. 329.
Kasahara,T. 6862.
Kasamatsu,H. 7698.
Kasamatsu,T. 3709.
Kasamo,K. 6289.
Kasatkina,Z.N. 7314.
Kaschka Dierich,C. 4673, 7725.
Kaschula,R.O.C. 1871.
Kaschula,V.R. 6750.
Kascsak,R.J. 681, 1182.
Kasel,J.A. 2271, 7855, 7892.
Kashkina,L. 5791, 6567.
Kashkina,L.M. 1004.
Kasili,E.G. 2277.
Kasova,V. 4405.
Kasper,A. 6580.
Kass,N. 3493.
Kassabov,R. 957.
Kassanis,B. 2844, 3914.
Kassavetis,G.A. 2116.
Kastrukoff, L.F. 463.
Kasturi,K. 1719.
Kasturi,K.N. 5614.
Kaszanyitzky, E. 499, 500.
Katagiri,K. 1328, 4002.
Katagiri,M. 7235.
Kataoka,S. 320.
Katchaki,J.N. 1060, 1827, 2279.
Katchy,K.C. 1868.
Kater,L. 8313.
Kates,J.R. 4157, 4798.
Kati,T. 2584, 4431.
Kato,F. 4639, 7045.
Kato,H. 4371, 7925.
Kato,I. 5091.
Kato,S. 1386, 6332, 7890.
Kato,Y. 1117.
Katongole-Mbidde,E. 1093.
Katow,S. 3900.
Katsberg,B. 5938.
Katsman, M.S. 49, 64, 65.
Katsura,Y. 3087, 3088.
Katsushima,N. 5665, 1110, 3788.
Katsuta,M. 7133.
Katsuya,H. 5900.
Katter,S.S. 8382.
Katz,A.I. 3756.
Katz,E. 7730.
Katz,F.E. 5136.
Katz,F.N. 1510, 4829, 4830, 6352.
Katz,R. 1127.
Katz,R.A. 3486.
Katzenelson,E. 5970, 5233, 5249.
Kauff,R.A. 691.
Kauffman,C.A. 954, 3037, 5346.
Kauffmann,R.H. 6024.
Kaufman,H.E. 1698, 1891, 2719, 3262, 7441.
Kaufman,R. 1853.
Kaufman,R.H. 1053, 2514, 6022.
Kaufman,S. 4517.
Kaufman,S.L. 5541.
Kaul,A. 3526, 8012.
Ksupeny, M. 354.
Kaverin,N.V. 753, 2732, 4953, 7729.
Kavsan,V.M. 2131.
Kawade,Y. 207, 2326, 3569, 4967.
Kawaguchi,T. 1856.
Kawai,C. 4548.
Kawakami,T.G. 2127, 2503.
Kawakami,Y. 7953.
Kawakita,M. 1629, 1637.
Kawamoto,F. 7497.
Kawamoto,S.O. 5360.
Kawamura,F. 7674.
Kawana,R. 3183.
Kawana,T. 3709.
Kawanami,J. 8028.
Kawano,J. 1233.
Kawase,S. 638, 1404.
Kawashima,K. 3568.
Kawka,D. 5546.
Kay,C. 2461.
Kay,M.M.B. 4563, 6073.
Kay,S. 337.
Kaya,H.K. 3907.
Kayastha,B.N. 3917.
Kaytazova,P.Y. 2832.
Kayukova,O.N. 4440.
Kazantseva,V.A. 3260.
Kazarian,E.L. 1676.
Kazdan J.J. 8189.
Kazmierowski,J.A. 5891.
Keck,K. 2181, 7784.
Kedmi,S. 5970.
Keefe,T.J. 6041.
Keegstra,K. 74, 3465.
Keegstra,W. 2874, 4638.
Keeling,J. 7517.
Keeling,J.W. 6657.
Keen,G.A. 3158.
Keenan,K.P. 6056.
Keene,J.D. 780.
Kehr,P. 7851.
Kehrer,E. 8389.
Keil,W. 7623.
Kekomaki,R. 2992.
Keleti,G. 7923.
Kelkar,S.D. 962.
Kelker,S.S. 1820.
Kelleher,P.C. 2725.
Kellems,R.E. 4775.
Kellenberger-Gujer,G. 702.
Kellenberger-van der Kamp,C. 5566.
Kellenberger,E. 5566.
Keller, G. 397.
Keller,D. 2285.
Keller,E.E. 5242.
Keller,H. 2551, 7138.
Keller,N. 5738.
Keller,P.M. 3459.
Keller,W. 1474, 2784, 5530.
Kelley,W.S. 7840.
Kelling,C.L. 4214, 7955.
Kelloff,G.J. 5734.
Kelly,D.C. 2809, 6426, 7536.
Kelly,D.F. 7404.
Kelly,F. 1331, 1427, 5792.
Kelly,M.E. 1966.
Kelly,P.A. 4365.
Kelly,T.J., Jr. 873.
Kelly,T.J.,Jr. 4112, 4600, 6200.
Kelly,W.R. 6042, 8348.
Kelman,A.D. 7561.
Kelsey,D.K. 1702.
Kelsey,D.S. 3755.
Kemen,M.J. 5419.
Kemmer,C. 5857.
Kemmer,Chr. 8161.
Kemp,G.E. 537, 4556.
Kemp,M.C. 1394, 7754.
Kemp,W.G. 5392, 6148.
Kempe,T.D. 7101.
Kemper,J.T. 4457.
Kempf,K.E. 3081.
Kendal,A.P. 885, 1151, 1481, 4279, 5684, 7768, 7885, 7891.
Kende,M. 5734.
Kendeel,S.R.M. 1830.
Kennedy, C.C. 380.
Kennedy,D.A. 3646.
Kennedy,D.H. 8244.
Kennedy,I. 4029.
Kennedy,J.C. 6172.
Kennedy,N.C.T. 3499.
Kennedy,S.I.T. 759.
Kennel,S.J. 4365, 7248.
Kennett,M.L. 1148.
Kenney, A. 228.
Kent,S.G. 6785.
Kenten,R.H. 1321, 2071, 6817.
Kenyon,A.J. 2090, 2448.
Kenyon,B.J. 2448.
Kenyon,S.J. 5120, 7996.
Keogh,H.J. 6768.
Keolouangkhot,T. 862, 3677.
Kepes,A. 6301.

IRL©1979

Kerkis,A.Yu. 4626.
Kerlan,C. 5690, 6124.
Kermarec,J. 3775.
Kern, E.R. 288.
Kern,E.R. 2347, 2720, 7896.
Kerr,I.M. 4973.
Kerr,M.M. 1919.
Kerrich,G.J. 5396.
Kesavalu,L. 4981.
Keshavamurthy,B.S. 3562.
Keshet,E. 6214, 7750.
Keshet,I. 4374, 6174.
Kessler, E. 40, 623.
Kessler,E. 2189.
Kessler,N. 6145, 6944.
Kessler,T. 3581.
Ketiladze,E.S. 1930, 3089, 3524, 5273, 5276, 5867, 5932.
Kettmann,R. 2500, 3124, 4812, 7772.
Kew,C. 5280.
Kew,M.C. 8163.
Kew,O. 1488.
Keydar,I. 7881.
Keyzer,C.M.J. 2613.
Khadzhibaeva,G.S. 1619.
Khairallah,L.H. 4160.
Khan,A.A. 7316.
Khan,A.S. 2800, 4019.
Khan,F. 3648.
Khan,M.A. 3537.
Khan,M.Y. 4555.
Khanmamedov,N.M. 1145.
Khare,P.M. 1820.
Kharit,I.O. 8188.
Kharitonenkov,I.G. 2303.
Khatoon,H. 1556.
Khatri,R.L. 7315.
Khesin,Ya.E. 593, 1622, 3962.
Khlyabich, G.N. 222.
Khlyabich,G.N. 910.
Khodawe,B.D. 5391.
Khokhlova,G.G. 3820.
Khor,T.H. 5854.
Khosrovi,B. 595.
Khoury,A.T. 4811.
Khoury,G. 125, 2508, 2881, 3540, 3978, 5527, 7581, 7691, 7700.
Khramtsova,M.M. 3337.
Khwaja,T.A. 997.
Kiangsiri,S. 8223.
Kibrick,S. 7446.
Kibrik,L.I. 4284.
Kibukamusoke,J.W. 1132.
Kichigina,E.L. 8023.
Kiczka,W. 988.
Kida,H. 1233, 7432.
Kido,K. 8461.
Kiefert,C. 7962.
Kieff,E. 626, 2122, 4118, 6207, 7588.
Kienzler,J. 1049.
Kienzler,J.L. 2511.
Kiernan,T.W. 5998.
Kierszenbaum,A.I. 578.
Kiessig,R. 2251, 4227.
Kiessling,A.A. 7265.
Kiessling,R. 4372.
Kigadye, M. 400.
Kiggans,J.O.,Jr. 2486.
Kigoni,E.P. 3210.
Kiire,C. 1093.
Kiko,H. 6901.
Kikuchi,K. 2300, 8266.
Kikuchi,M. 661.
Kikuchi,N. 7953.
Kikuchi,Y. 167, 5459.
Kila,A. 8378.
Kilbourne,E.D. 3040, 3553.
Kilgore,J.M. 7069.
Killander,D. 7117.
Killick,R.J. 8444.
Kilner,J. 5594.
Kilpatrick,B.A. 6320.
Kim,E. 3091.
Kim,H.W. 3228, 3789, 4496, 5175, 5882, 5985, 6416.
Kim,J 6953.
Kim,J. 6940.
Kim,K.-H. 3243.
Kim,K.S. 1301, 1742, 3462.
Kim,K.W. 1860.
Kim,S.-H. 2456.
Kim,S.J. 2422, 2423, 2774, 3059.
Kim,S.U. 2085.
Kim,Y.C. 5890.
Kimata,I. 4370.
Kimberlin,R.H. 2673.
Kimmins,W.C. 5380.
Kimura,H. 1794.
Kimura,I. 7262.
Kimura,K. 7116.
Kimura,M. 3598.
Kimura,R.T. 4922.
Kimura,S. 1805, 2958.
Kimura,T. 5703.
Kincer, H.C. 551.
Kinden,D.A. 7452.
Kindermann,C.A. 5707.
Kindt,H. 4996, 5682.
King,B. 2406.
King,C.-C. 7539.
King,C.L. 6014.
King,J. 1460, 1464, 3485.
King,J.M. 1443.
King,M.W. 1969, 7155, 7539.
King,S.D. 2706.
King,W. 2122.
Kingham, J.G.C. 446.
Kingham,J.G.C. 1731.
Kinghorn,G.R. 3138.
Kingsbury,D.W. 1320, 154, 799, 1398, 6255.
Kingston,D.J. 1206.
Kinkeldey,U. 2247.
Kinlough-Rathbone,R.L. 1267.
Kinnaert,P. 8198, 8317.
Kinnman,J. 4516.
Kinoshita,K. 1208.
Kinross,J. 4788.
Kinscherf,T.G. 3446.
Kinsey,M.D. 1085.
Kintoki,V. 3760.
Kinyon,J.M. 833.
Kipps,A. 3158, 5928, 6655.
Kirby,F.D. 1977.
Kirby,R. 4896.
Kirchner,H. 579, 1241, 3618, 5498, 5648, 6871, 7171, 8064.
Kirchner,H.S. 3167.
Kirdeev,V.K. 4711.
Kiritani,K. 2755.
Kirk,J. 3273.
Kirk,J.H. 4541.
Kirk,R.W. 1990.
Kirkwood,B. 4221.
Kirkwood,E.M. 3592.
Kirn,A. 2002, 2167, 5842, 6766, 7656, 8401.
Kirnos,M.D. 6900.
Kirsch,W.M. 5846.
Kirsten,W.H. 3715, 3756.
Kiryuschenko,T.V. 1224.
Kirzhner,L.S. 5617.
Kisary,J. 240, 930, 1993.
Kiselev,F.L. 3123.
Kishaba,A.N. 7502.
Kishko,A.M. 1922.
Kishtah,A.A. 7479.
Kislina,O.S. 4650.
Kisling,U. 5638.
Kisliuk,R.L. 5769.
Kisloff,B. 2996.
Kiss,A. 3490.
Kiss,I. 3490.
Kiss,M.H.B. 2650.
Kisselev,L.L. 7203.
Kissmeyer-Nielsen,F. 5034.
Kistler,J. 2912.
Kit,S. 3657, 8150.
Kita,J. 4525.
Kitajima,E.W. 642.
Kitamura,M. 748.
Kitamura,N. 7590.
Kitamura,T. 2536.
Kitaoka,S. 1110, 3788.
Kitaura,T. 5703.
Kitayama,S. 7638.
Kitridou,R.C. 5222.
Kitsak,V.Ya. 2799, 2963, 5407, 8395.
Kiyzhnyakova,T.M. 3055.
Kjeldsberg,E. 7271.
Kjellen,L. 89.
Kjellstrand,C.M. 1849.
Klahr,G. 8161.
Klarren,L. 8388.
Klassen,L.W. 232.
Klassen,T. 6084.
Klauber,M.R. 6717, 7382.
Klaus,S. 7570.
Klausch,B. 7276.
Kleckner,N. 4203, 5550, 5551.
Kleid,D.G. 2502.
Kleiman,M.B. 6670.
Klein,G. 136, 751.
Klein,R.J. 526.
Klein,A. 4863.
Klein,B. 4211, 7810.
Klein,C.A. 3778.
Klein,E. 3083, 3694, 8116.
Klein,F. 7113.
Klein,G. 263, 324, 580, 581, 1334, 1446, 1583, 2517, 3117, 3150, 3151, 3694, 4312, 4372, 4617, 4747, 5030, 5031, 5164, 5421, 5500, 5625, 5851, 6516, 7720, 7879, 8065, 8066, 8113, 8116, 8155, 8156.
Klein,J. 3630, 4300, 6831.
Klein,M. 4571.
Klein,P.A. 3630.
Klein,R.J. 7442.
Kleinberg,F. 1710.
Kleinknecht,C. 3216.
Kleinknecht,D. 909.
Kleinman,G.M. 3167.
Klembala,M. 1437.
Klement, V. 331.
Klement,V. 6274, 7250.
Klemenz,R. 2218.
Klenk,H.-D. 2139, 2857, 2905, 3437, 3473, 4249, 5637, 7623.
Klenk,W. 5257.
Klenova,A.V. 4049.
Kleppe,K. 722, 6290.
Klessig,D.F. 1475.
Klett,G. 4886.
Kleven,S.H. 4292, 4293, 5013, 5021, 5333, 5695, 6787.
Kliemand,P. 5947.
Klietmann,W. 919, 5090.
Klimas,R.A. 7592.
Klimenko,S.M. 4953, 7541.
Klimontovich,A.V. 2303.
Klimov,A. 6387, 7767.
Klinberg,M.A. 6690.
Klinberg,W. 6690.
Klingmuller,D. 2008.
Klingmuller,V. 5919.
Klinkert,J. 4863.
Klinova,E.G. 4251.
Klisenko,G.A. 857, 4218, 7865.
Klitgaard,N.A. 3166.
Klitsunova,N.V. 4944.
Klotz,L.C. 610.
Klotzer,H.-H. 1987.
Kluchareva,T.E. 1004.
Klug,A. 1524, 2811.
Kluge,S. 4149, 7774.
Klykken,P.C. 6512.
Klyuchareva,T.E. 3656.
Klyueva,E.V. 3587.
Knauert,F. 141, 4125, 6993.
Knauf,P.A. 6597.
Knauf,S.P. 4420.
Knaup,G. 1755.
Knecht,G.L. 3774.
Knell,J.D. 6146.
Knesek,J.E. 3471.
Kniazeff,A.J. 535, 6518.
Knight,B.H. 5171.
Knight,E.,Jr. 1614, 4972.
Knight,E.H. 6072, 7450.
Knight,V. 5507, 6960.
Knipe, D.M. 41.
Knipe,D.M. 1510, 3495, 3496.
Knittel,M.D. 5344.
Knobloch,J. 1147, 3763, 3810, 4433.
Knodell,R.G. 2996, 5870.
Knoll,B.J. 4897.
Knolle,J. 8319.
Knopf,K.-W. 6990.
Knorpp,F. 1988.
Knorre,V.L. 2876, 6311.
Knott,S.G. 6050.
Knowles,B.B. 1718, 5027, 7209.
Knowles,R.C. 1953.
Knowles,W.A. 8321.

Knudsen,A.B. 8289.
Knudsen,R.C. 3071, 8403.
Knudson,A.G.,Jr. 8140.
Knudson,D.L. 6161.
Knutton,S. 2102, 6879, 6880.
Knuutila,S. 7146.
Knyazev,P.G. 767, 8138.
Knyazeva,L.D. 3089, 3524, 5263, 5932.
Knyazeva,V.L. 5581.
Ko,W. 3338.
Kobayashi,H. 4371.
Kobayashi,K. 1117.
Kobayashi,M. 3568, 5908.
Kobayashi,N. 269, 693.
Kobayashi,S. 2160, 7542, 8056.
Kobe,J. 8031.
Koblet,H. 2335, 6461, 6462.
Kobune,F. 3900, 6109.
Kobune,K. 3900.
Kocan,A.A. 1349, 6143, 7419.
Kocan,K.M. 1349, 6143.
Koch,E. 7636.
Koch,G. 4250.
Koch,H.U. 6360.
Koch,I. 1696.
Koch,M.A. 7165.
Kochmann,W. 8038.
Kochnev,I.G. 2222.
Kodaira,K. 1457.
Kodaira,K.-I. 698.
Kodama,Y. 345.
Kodama,H. 3900, 5721, 6450, 7987.
Kodama,T. 4371.
Kodama,Y. 3320.
Kodkind,G.Kh. 7129.
Koehler,K. 8199.
Koenig,H. 8193.
Koenig,R. 2282, 2838, 3949, 7086, 7498.
Koenig,U.D. 3148.
Koennecke,I. 1541.
Koepsell,P.A. 2026.
Koerner,J.F. 7849.
Koesters,W. 5997.
Koestner,A. 5742, 6783.
Koff,R.S. 6834.
Koff,W.C. 5507, 6960.
Kogan,E.M. 3652.
Kogan,I.Ya. 4615.
Kogasaka,R. 1568, 8227.
Kogbe,O.I. 5184.
Kogh,A.S. 6730.
Kogut,E.P. 2726.
Koh,J.G.W. 3613.
Kohama,T. 654.
Kohase,M. 2336.
Kohl,S. 4474, 5714, 7170.
Kohler,H. 4924, 5618.
Kohler,P.F. 4328.
Kohler,U. 2335, 6461, 6462.
Kohmann,L.S. 8472.
Kohn Prather,R. 7562.
Kohn,A. 1863, 3439.
Kohn,L.D. 1625, 2978.
Kohn,N. 2120.
Kohne,D.E. 6916.
Kohno,S. 2331.
Koistinen,V. 6438, 6708.
Koizumi,S. 4749.
Kojima,I. 5944.
Kojima,K. 8106.
Kojima,M. 5075, 5076, 5077.
Kojima,Y. 5645.
Kok,I.P. 6220.
Kokojlo,A.N. 1548.
Kokoschka,E.-M. 5715.
Kokoza,E.B. 6197.
Kokrashvili,T.A. 3414.
Kolakofsky,D. 1380, 4685.
Kolar,P. 4296.
Kolarz,G. 1873.
Kolb Estes,M. 7521.
Kolb,A. 703.
Koldovsky,P. 6831.
Koliais,S. 3396.
Koliais,S.I. 6408, 7724.
Koller,T. 1450.
Kolman,J.M. 7861.
Kolodziej,B.J. 4053.
Kolomiets,O.L. 6110.
Kolomoets,N.M. 6651.
Kolosov,M.N. 28, 2115, 2117.
Koltin,Y. 4574, 7771.
Koltsov,V.D. 1736.
Koltunov,E.V. 7460, 7465.
Komalarini,S. 7832.
Komano,T. 3391, 6304, 7047.
Komaroff,A.L. 346.
Komatsu,T. 1250, 6679.
Komm, D.A. 558.
Komm,D.A. 2051.
Konat, G. 464.
Koncar,M. 7209.
Koncicki,A. 7425.
Kondaiah,A. 8445.
Kondo,K. 3690.
Kondo,M. 4639.
Kondrashina,N.G. 7493.
Kongsvik,J.R. 7518.
Kongthon,S. 2256.
Konicek,J. 840.
Konickova-Radochova,M. 840.
Konig,M. 7812.
Konigsberg,W. 112, 4695, 6291, 7850.
Konigsberg,W.H. 1028, 7101, 7677, 7678.
Konings,R.N.H. 99, 1456, 2872.
Konishi,K. 5277.
Konishi,S. 872.
Konishi,S.-I. 4938.
Konishi,T. 7231.
Konno,T. 1110, 3788, 8229.
Kono,R. 1744, 2436.
Kono,Y. 2075.
Kononko,A.G. 2021.
Konopa,G. 7793.
Konowalchuk,J. 5064.
Konstantinov,A. 5841.
Konstantinow-Siebelist,I. 5262.
Kontor,E.J. 5817.
Kontorovich,E.A. 4322.
Kontsek,P. 6471.
Kook,K. 2918.
Koomey,M. 6329.
Koopman Broekhuyzen,N. 8137.
Koopmann,J.P. 1976.
Koopmans,G. 7630.
Koornstra,W. 5836, 6936.
Kopal,M.A. 6083.
Kopchick,J.J. 7618.
Kopelman,A.E. 5209.
Koper-Zwarthoff,E.C. 4686.
Kopera,E. 8368.
Koplan,J.P. 4469.
Koplin,A.N. 7140.
Koppelmann,L.E. 4349.
Koppenheffer,T.L. 1783.
Koprowski,H. 581, 1183, 2450, 2966, 3169, 3849, 5571, 5931, 6831, 6910, 7163, 7967.
Koptopoulos,G. 3795.
Koptyaeva,I.B. 6874.
Korant,B.D. 4126, 4972.
Korbecki,M. 2405.
Korchak,G.I. 8279.
Koren,R. 3658.
Korenberg,E.I. 6685, 7354.
Koretskaya,N.G. 2854.
Koretz,R.L. 4454.
Korinkova,P. 5748.
Korn,S. 2579.
Kornbeg,A. 102.
Kornberg,A. 101, 104, 6968.
Kornegay,J.N. 3290.
Kornfeld,S. 667, 668, 669, 2194, 7012.
Korngold,L. 4702.
Kornyey,S. 1111.
Korobitsin,L.P. 8138.
Korobitsyn,L.P. 767, 4129, 7223.
Korobko,V.G. 28, 2115, 2117.
Korolev,M.B. 5425, 6777, 8174.
Koroleva,G.A. 1105.
Korosteleva,V.S. 7264.
Korotkov,Yu.S. 7376.
Korsten,K.H. 6846.
Korting,H.J. 2626, 8307.
Korzhenkova,M.P. 1239.
Kosaka,S. 6631.
Koschel,K. 4625.
Kosina,F. 2602.
Koskimies,O. 1089.
Koskimies,S. 8065.
Kossel,H. 103.
Kossman,C.E. 3175.
Kossova, 222.
Kossova,E.T. 3578.
Kost,A.A. 658, 6374.
Kost,T.A. 2767.
Koster,H. 597, 6967.
Kosters,W. 5951.
Kostetskaya,T.V. 5504.
Kostiainen,E. 2992.
Kostrzewski, J. 448.
Kostrzewski,J. 2617.
Kosturko,L.D. 4642.
Kostyukov,M.A. 1145.
Kosuge,M. 8376, 8377.
Kosyakov,P.N. 7884, 7093, 7264.
Kosyakova,N.P. 3704, 7264.
Koszinowski, U. 266.
Kotak,R.R. 1156.
Kotarshi,P.S. 2937.
Kotler,M. 7266.
Kotova,O.I. 1869, 3162.
Kotval,J.S. 7806.
Kouba,K. 5289.
Koudeleva,G.V. 5122.
Koury,M.J. 2767.
Kouwenhoven,B. 5725.
Kouyoumigan,J. 4314.
Kouzmin,N.P. 612, 2782.
Kovacic,R.T. 7567.
Kovacs,B. 6039.
Kovalenko,A.G. 5758, 6553.
Kovesdy, L. 482.
Kowal,K.J. 2975.
Kowalska,A. 4578.
Kowalski,D. 31.
Kowalski,H.M. 1799.
Kowalski,J.B. 4904.
Koya,K.V.A. 6009, 7339.
Kozaczynski,W. 7075.
Kozai,Y. 7251.
Kozak, C. 323.
Kozak,C. 1441, 4819.
Kozak,C.A. 6595.
Kozak,M. 757.
Kozloff,L.M. 53, 88, 4058.
Kozlov, E.A. 49, 64, 65.
Kozlov,E.A. 3413.
Kozlov,V.G. 6110.
Kozlov,Y.I. 4.
Kozlova,T.M. 3332.
Kozma,S. 6239, 7620, 7637.
Kozmina,L.M. 3504.
Kozmyan,L.I. 4644.
Kozuch,O. 5339, 7428.
Kozuka,Y. 2081.
Kra-Oz,Z. 1503.
Kraaijeveld,C.A. 5726, 5727.
Kradel, D.C. 474.
Kraft,B. 1954.
Kraft,W. 6746.
Krakower,J.M. 2964.
Krakowka,S. 1023, 5742, 6783.
Kral,V. 7173, 7985.
Kralik,O. 1288.
Kram,R. 8104, 8105.
Kramarsky,B. 8092.
Kramer,F.R. 712, 6308.
Kramer,R.A. 807.
Kramer,W. 8038.
Krantz,S.B. 2767, 7239.
Kranz,D. 7389.
Krasa, E. 354.
Krasilnikov,A.P. 7835.
Krasner,N. 4504.
Krasnitskaya,R.S. 4043.
Krasowska,I. 6639.
Kratochvilova,M. 1656.
Kratzer,J.H. 8283.
Kraus,G. 6496.
Krause,P.J. 3600.
Krauss,H. 7422.
Kravchenko,A.T. 2998.
Kravchenko,V.V. 701.
Kravitz,P. 6492.
Krayev,A.S. 615.
Krebs,D. 5757.
Krebs,H. 8389.
Krech,U. 1138, 6434.
Kreeb,G. 3630.
Kreeftenberg,H.G. 959.
Kreider,J.W. 5086.
Krekel,H. 5318.
Krell,P.J. 5354.

IRL©1975

Kremastinou,J. 2714.
Kremen,J. 1494.
Krentsel',B.A. 3099.
Kress,M. 736.
Kressmann,M.C. 5035.
Kreth,H.W. 4324.
Kretzschmar,C. 3879.
Kreuter,J. 928.
Kreutzberger,A. 5081.
Kreuzer,K.N. 4204.
Krey,H.F. 7457.
Kriegler,M.P. 818.
Krijgsman,P.C.J. 655.
Krimm,R. 7321.
Krishna Das,M.S. 7315.
Krishna Sen,D. 7303.
Krishna,S.P. 484.
Krishnamurthy,R. 3873.
Krishnaswamy,S. 3562.
Krispin,T.I. 2799.
Kristensen,B. 2272.
Kristensen,T. 5034.
Krivisky,A.S. 6265.
Krivitskaya,V.S. 2995.
Kriwaczek,V.M. 676.
Krizanova,O. 5509.
Kroath,H. 140, 2330, 4120.
Kroeker,W.D. 31.
Krog,H.-H. 6590.
Krogsrud,J. 1200.
Krolner,B. 3772.
Krom,R.A.F. 1060.
Kroon,A. 6101.
Kropf,M.M. 4647.
Krosnick,A. 2375.
Krotova,L.I. 571, 4704.
Krous,H.F. 8178.
Kruchenok,T.B. 438.
Kruchkova,G.C. 3162.
Krueger,G.G. 6717.
Krueger,G.R.F. 1036, 1816.
Krueger,R.G. 5817.
Krug,R.M. 1512, 4145, 4833.
Kruger,D.H. 6407.
Kruglyak,S.P. 3300.
Krugman,S. 7135, 565, 1155, 4329, 5921, 5956.
Krupa,S.V. 8471.
Krupnikova,E.Z. 5866.
Kruppa,J. 7764.
Kruschke,P. 2136.
Kruse,C.W. 6228, 6714.
Kruse,J. 6244.
Krutilina,A.I. 27, 6188.
Krutilina,D.V. 3586, 4224.
Krylov,V.F. 5932.
Krylov,V.N. 1414, 4888.
Krylova,V.F. 5263.
Kryuchkova,G.S. 1869.
Krzyzek,R.A. 3470.
Kselikova,M. 870, 1576, 4505, 4928, 6015, 6427, 6443, 6444, 7083.
Ksiazek,T. 6645.
Kubica,B. 4744.
Kubickova,O. 5913.
Kubler,O. 1450.
Kubo,S. 3431, 6246, 7515.
Kucera,C.J. 2409.
Kucera,L.S. 2165, 7718.
Kucharska-Demczuk,K. 3717.
Kucheruk,V.V. 4486.
Kucsera,Gy. 5698.
Kudler,L. 7610.
Kudo,I. 2792.
Kudo,T. 1761.
Kudoh,T. 2468.
Kudrjawzew,P.S. 2473.
Kudrjawzew,Ph.S. 1766.
Kudryavtseva,V.K. 7094, 7362.
Kuei-ying,L. 1064.
Kuemmerle,N.B. 7688.
Kuenzle,C.C. 6235.
Kuff,E.L. 4634, 6215.
Kuhbock,J. 2615.
Kuhl,P.W. 6959.
Kuhn,A. 6705.
Kuhn,C. 7632.
Kuhn,C.W. 2042, 4582, 6122.
Kuhn,E. 4120.
Kuhne,H. 3949.
Kuhner,J. 195.
Kuijk,M.G. 7712.
Kuiper,C.J. 6062.
Kujwalile,J.M. 3210.
Kukain,R.A. 3953.
Kukaine,R.A. 5122.
Kukava,G.G. 4377.
Kukla,B. 4689.
Kukla,L.F. 358.
Kuklin,V.I. 5926.
Kul'skii,L.A. 2820.
Kulakova,A.M. 7264.
Kulcsar,G. 3066.
Kulpa,C.F. 5112.
Kultyshev,A.S. 5945.
Kumada,N. 7497.
Kumagai,N. 455.
Kumagai,H. 3391.
Kumagai,K. 4303.
Kumagai,N. 4548.
Kumagai,T. 5341, 8355, 8356.
Kumanishi,T. 4398.
Kumar,A. 5668.
Kumar,M.L. 3313.
Kumar,S. 2416, 2425.
Kumar,V. 2494, 7243.
Kumarasamy,R. 7777.
Kumasaka,M. 3876.
Kummeneje,K. 1200.
Kummert,J. 645, 7772.
Kumon,H. 4244.
Kumura,K. 4868.
Kunaratnam,N. 5855.
Kundi,M. 1707.
Kung,H.-J. 146, 2202.
Kung,H.C. 4945.
Kunii,A. 895, 6460.
Kunkel,H.G. 5055.
Kunkel,M. 5163, 6513.
Kunkel,T.A. 6997, 7669.
Kuno,G. 4428.
Kuno,S. 4175.
Kunz,C 853.
Kunz,C. 2389, 4267, 7371.
Kunzler,P. 4605.
Kuo,K.J. 6118.
Kuo,Y.C. 1591.
Kupatz,H. 6513.
Kupryashina,L.M. 5984.
Kupusarevic,Lj. 5285.
Kurahori, T. 194.
Kurakhmedova,Sh.A. 1145.
Kurata,K. 4546, 4622, 5330.
Kurata,T. 4546, 5330.
Kurbatov,V.A. 614.
Kurbatov,Y.A. 6197.
Kurenkov,V.B. 8416.
Kurimura,T. 5703, 6331.
Kurisu, K. 75.
Kuroda,A. 514, 1983.
Kuroda,H. 5076.
Kuroda,K. 6282.
Kurogi,H. 1257, 1970, 2149, 2948, 4247, 4941, 7960.
Kurokawa,M. 4989.
Kurokawa,T. 38, 306.
Kuropieska-Swic,A. 6641.
Kurosawa, K. 75.
Kurosawa,K. 7938.
Kurrle,R. 3637, 8009.
Kurshakova,T.S. 7060.
Kursky,V. 4513.
Kurstak,C. 851.
Kurstak,E. 851, 2827, 3330, 6848.
Kurth,R. 2527, 3629.
Kurtz,J. 4475.
Kurtz,J.B. 4511, 5755, 6648.
Kuruc,S.G. 4420.
Kuruts,V.M. 376.
Kurvink, K. 350.
Kurz,C. 4635.
Kurz,Ch. 2776.
Kuschel,K. 5053.
Kuschki,G.H. 3949.
Kushwaha,M.R.S. 426.
Kuster,W. 2615.
Kustner,H.G.V. 7350.
Kuszala,M. 1279, 3954.
Kuthan,R. 6156.
Kutsuzawa,T. 1110, 3788.
Kutter,E.M. 1463.
Kuwahara,S.S. 4991.
Kuwata,T. 896, 5646, 6472, 6473, 7245.
Kuwert,E.K. 230.
Kuwert,E. 5615.
Kuwert,E.K. 918, 6001, 6713, 7944, 8024.
Kuzmin,A.I. 2669.
Kuznetsov,O.K. 5504, 8138.
Kuznetsov,V.G. 3300.
Kuznetsova,L.V. 4861.
Kuzumaki,N. 3694.
Kvelstad,G. 5253.
Kvicala,B.A. 3346.
Kvirikadze,V.V. 4995.
Kvist,S. 3665.
Kwan,H.C. 2518.
Kwan,Y.L. 3269.
Kwant,M.M. 4784.
Kwapinski,E. 5850.
Kwapinski,G. 5850.
Kwiatkowski,B. 4013.
Kwoh,D. 5561.
Kwon,B.-S. 1994.
Kyoon Shin, H. 441.
Kyoshoin,Y. 7133.
Kyriakidou,A. 5267.
Kyriakopoulou,P.E. 3929.
Kyriazis,A.P. 5775.

L'Haridon,R. 4552, 5659.
L'vov,D.K. 1149.
La Bella,F. 7653.
La Bonnardiere,C. 2362, 4827.
La Placa,M. 3461, 3072, 7721.
La Rosa,G. 3248, 7368.
La Torre,J.L. 55.
Laaksonen,A.M. 874.
Laass,W. 996.
Labadie, J.P. 190.
LaBadie,D.R.L. 7445.
Labadie,J.P. 5613, 7061.
Labadie,M.D. 8275.
Laband,S.J. 4719.
Labny,I.D. 2656.
Labouesse,J. 6998.
Labuda,M. 7428.
Lacasa,M. 6911.
Lachance,R.O. 555.
Lachapelle,J.-M. 5170.
Lachmann,P.J. 3117, 5059.
Lachowicz,T.M. 6405.
Lacinova,J. 1341.
Lackovic,V. 6471.
Lacks,S. 7847.
Lacour,F. 5706.
Lacroix,J.P. 645.
Lacy,E. 5563.
Ladda,R.L. 8125.
Ladds,P.W. 5710.
Laden,A.M.K. 5861.
LadipoJ.L. 6125.
Ladnyi, I.D. 449.
Ladygina,M.E. 5070.
Laemmli,U.K. 4156.
Laffont,F. 7392.
Lagace,A. 5335.
Lage Davila,A. 7233.
Lagenstein,I. 5937.
Lager,I.A. 3793.
Lagerkvist,U. 6300.
Lagorce,J.-C. 5206.
Lagoutte,F. 5192.
Lagrange,P.H. 971, 8003.
Laguens,R.P. 5340, 5506.
Lahiri,B. 5237, 7260.
Lahiri,V.L. 5237.
Lahirl,V.L. 7260.
Lahlou-Kassi,S. 4538.
Lai, M.M.C. 824.
Lai,C.-J. 125, 2881, 5527, 7691, 7812.
Lai,C.L. 3269.
Lai,M.M.C. 4678, 7593.
Lai,P.K. 5190.
Laimins, L. 187.
Laing,D.R. 2740.
Laird,H.M. 1748.
Laird,S.M. 1909.
Lake,J.R. 7818.
Lakeman,A.D. 4672.
Lakhe,S.B. 6008, 6012.
Lakotkina,E.A. 3578, 4273.
Lalazar,A. 5441, 7549.
Lalley, P.A. 86.
Lalley,P. 3541.
Lalley,P.A. 5819.
Lalucat,J. 7626.
Laluque,J.B. 6417.
Lam,K.C. 3269, 7267.
Lam,S.K. 3269.
Lamb,J.F. 6558.
Lamb,R.A. 1399, 2865, 5743.
Lamb,R.C. 2027.

Lamb,S.G.S. 1920.
Lambert, A.E. 356.
Lambert,B. 1810, 3009.
Lambert,D. 2511.
Lambert,P.H. 5033, 7128.
Lamborn,J.K. 8323.
Lambre,C. 5614.
Lambrecht,F.L. 8289.
Lameijer,L.D.F. 7919.
Lamelin,J.P. 5720.
Lamey,H.A. 2753.
Lamki,H. 3141.
Lammens,E. 4339.
Lampert,P.W. 2670.
Lamy,D. 4583.
Lamy,M.-E. 5170.
Lamy,M.E. 1802, 4983.
Lan,S. 1064.
Lana,A.F. 8459.
Lancaster,W.D. 1416, 2789, 7206.
Lance,J.C. 1926.
Lancova,J. 7143.
Lander,J.J. 2612.
Lander,M.R. 8122.
Landesman,R. 8333.
Landin,L.K. 5407.
Landin,P. 5761.
Landini,M.P. 3072, 3461, 7721, 7786.
Landry,E.F. 3783, 3832.
Landstrom,L. E. 3565.
Landsverk,T. 3859.
Landy,A. 601, 4074.
Lane,M. A. 2096.
Lang,C.M. 1956.
Lang, D. 73.
Lang,C.M. 3888, 4559.
Lang,D. 2775.
Lang,D.J. 3621, 5964.
Lang,G. 7851.
Lang,H. 4654.
Lang,P.B. 7176.
Lang,W. 3110.
Langbeheim, H. 255.
Langbeheim,H. 3051.
Lange,L.S. 460.
Lange Gustafson,B. 6186, 6229.
Lange,B. 1815, 2089, 6806.
Lange,D. 3844.
Lange,J. 3383, 3809.
Lange,J.V. 3420, 3421.
Lange,L. 2754, 6806.
Lange,M. 6806.
Lange,W. 4924, 5618.
Langenberg,W.G. 6159.
Langenhuysen,M.M.A.C. 3623.
Langford,E.V. 1247.
Langford,M.P. 680, 1623, 2350.
Langlois,M. 7289.
Langloss,J.M. 2003, 6518.
Langpap,T.J. 3865.
Langridge,W. 6227.
Langston,A. 8091, 1022.
Languillat,G. 3792.
Languillon,J. 6663, 6664, 8316.
Lanier,A. 2519.
Lanka,E. 710, 7848.
Lansac,M. 6124.
Lansdown,A.B.G. 5886.
Lansky,L.L. 5921.
Lanza,G. 1746.
Lapi,L. 6814.
Lapierre,H. 5489, 6924.
Lapin,B.A. 5048, 5122, 7534.
Lapinleimu,K. 1089.
Lapipo,J.L. 6854.
Lapis,K. 5105.
LaPorte,D.C. 7226.
Laporte,J. 4552.
LaPorte,P. 34.
Lapushinsky,D.P. 3846.
Larbaigt,G. 2395.
Larina,E.I. 4837.
Larionov,G.V. 3413.
Larive,A. 6908.
Larke,R.P.B. 7378.
Larkin,E.P. 451, 1422, 5235.
Larner,E. 3565, 7648.
Laroche,R. 5953.
Larouze,B. 6606.
Larriba,G. 3697.
Larroque,V. 6482.
Larsen,A.M. 5716.
Larsen,C.J. 2521, 4814, 6963.
Larsen,C.T. 1260.
Larski,Z. 850.
Larson,D. 1178.
Larson,D.J. 7452.
Larson,V.M. 3612, 5705.
Larsson,I. 3565, 5644.
Larzul,J.J. 1072.
Lasch,E.E. 5248.
Laschi,R. 2539, 7280.
Lasfargues,E.Y. 1342.
Lashkevich,V.A. 1330, 2891.
Lashof,J.C. 6683.
Laskewitz,E. 579.
Lasneret,J. 1781.
Lass,J. 3886.
Lassam,N.J. 5531.
Laster,Y. 7549.
Lastra,R. 5490.
Laszlo,V.G. 838.
Latarjet,R. 3415.
Lathrop,G.D. 1901.
Latlief,M.A. 6165.
Lattimer,C. 1155.
Lattman,E.E. 5478.
Latypova,R.G. 3586, 4224, 7942.
Latypova,R.V. 1619.
Lau,A.F. 3470.
Lau,P.P. 3393.
Laub,O. 4099, 4778, 4780.
Lauber,E. 1138.
Lauchlan,S.C. 2513, 4614.
Laude,H. 1339.
Lauer,B.A. 1833.
Laughlin,C.A. 3958, 5496.
Launais,M. 1687.
Launay,H. 6068.
Laurence Juneau,M. 7278.
Laurence,R.A. 1952.
Laurens,A. 5272.
Laurent,R. 1049, 2511.
Laurinkari,J. 4283.
Lausch,R.N. 82, 4307, 5793, 6565.
Lautenschlager,R.A. 3329.
Lauter,C.B. 949, 4336.
Lauwers,S. 3155.
Lavarini,C. 6440, 8016.
Lavelle,G. 5430.
Lavelle,G.C. 3377.
Laver,W.G. 3400, 3546, 3550, 3943, 5629.
Laveran,H. 1858, 2622, 6417.
Laverdant,C. 5941, 6666.
Lavergne,M. 2387.
Lavezzi,C. 6706.
Lavi,S. 7694.
Lavialle,C. 304, 5773.
Lavoue,M.F. 5035, 5854.
Law,L.W. 4238, 5095.
Law,M.-F. 4600, 4658, 6202, 7580.
Law,M.F. 604.
Lawhorne,L. 2176.
Lawler,A.R. 8372.
Lawman,M.J.P. 6851.
Lawrence,F. 1762, 6574.
Lawrence,R.C. 831, 837, 4196, 4887.
Lawrence,S. 1729.
Lawson,K.F. 3887.
Lawson,R.H. 1290.
Lawton,J.W.M. 7913.
Laychock,A.M. 1812.
Lazdins,I. 7742.
Lazikova,G.E. 5265.
Lazo,P.S. 2978.
Lazurkin,Yu.S. 6233.
Lazzarini,R.A. 780, 1377.
Le Beau,J. 347.
Le Bodic,L. 1116.
Le Buffe,F.P. 1076.
Le Fur,J.M. 1081.
Le Goff,F. 1225, 4477.
Le Gonidec,G. 1319, 1986.
Le Jan,C. 256, 5659.
Le Layec,C. 6060.
Le Loet,C. 2588.
Le Riverend,E. 8158.
Le Roy,J.P. 5181.
Le Tallec,Y. 8257.
Le Turdu,Y. 2701.
Leach,D. 6893.
Leach,J.E. 6118.
Leach,M. 4870.
Leadbetter,G. 6432.
Leahy, W. 379.
Leary,J.J. 3281.
Lebedev,S.P. 7329.
Lebedeva,I.R. 3587.
Lebedinets,N.N. 2021.
Lebeurier,G. 4026, 4044, 6283, 6922, 7643.
LeBlanc, P.A. 536.
Lebleu,B. 212, 1629.
Lebon,P. 1945, 2568, 7273, 7310, 7318.
Lebow,S. 1178.
Lebowitz,P. 123, 1367, 4101, 4781.
Lebras,J. 2642.
Lebtag,I. 2451, 3649.
Lebwohl,O. 8246.
Lecatsas, G. 365.
Lecatsas,G. 4646.
Lecce,J.G. 1969, 7155.
Leclercq,M. 7995.
Lecornu,M. 2599.
Ledbetter,J.A. 1789, 6935.
Leder,P. 7799.
Lederer,E. 1762, 1795, 6574.
Ledinko,N. 2286, 3494, 4114.
Ledman,R. 986.
Ledneva,R.K. 658, 6374, 7607.
Ledoux,J.P. 1072.
LeDuc,J.W. 2708.
Lee,V.H. 515.
Lee,Y.-S. 491.
Lee,A.K.Y. 4500.
Lee,B.J. 422.
Lee,B.T.O. 7838.
Lee,C.G. 5710.
Lee,D. 8291.
Lee,F.K. 3156.
Lee,G. 1625, 2978.
Lee,H.H. 7827.
Lee,H.W. 3757, 4442, 8295.
Lee,J.C. 1714, 5831.
Lee,J.Y.B. 995.
Lee,J.Y.S. 6063.
Lee,K.J. 1956, 3888.
Lee,K.P. 5327.
Lee,L.F. 956.
Lee,N. 4372.
Lee,P.E. 2828, 7556.
Lee,P.W. 8295.
Lee,S. 1849.
Lee,S.H.S. 4813.
Lee,T. 4475, 5687, 7115.
Lee,T.N.H. 4098.
Lee,T.W. 6648.
Lee,Y.-S. 4671.
Lee,Y.F. 4674, 4676.
Leerhoy, J. 395.
Leerhoy,J. 8170.
Lees, G.E. 478.
Lees,L.J. 213.
Lefebvre, N. 169.
Lefebvre,N. 4865.
Lefever,R. 6587.
Leffell,M.S. 3664.
Leffingwell,T.P. 6965.
Legg,J.T. 2031, 2055.
Legler,K. 2278.
Legocki,A.B. 4841.
Legon,S. 3983, 4095.
Legrand,M. 3347.
Legraverend,M. 1762.
Legros,R. 5169.
Leherissey,M. 4211.
Lehman,E.D. 3612.
Lehman,J. 6231.
Lehman,J.M. 1006, 2463, 6561.
Lehman,N.I. 2641.
Lehmann-Grube,F. 3518, 4320.
Lehmann,E.E. 7309.
Lehmann,H.-U. 1067.
Lehmann,J. 8433.
Lehmann,N.I. 572, 863, 1912, 6698, 8172, 8315.
Lehmkuhl,H.D. 4033, 4531, 7456.
Lehnert,E. 1688, 5811.
Lehnert,T. 8427.
Lehrbach,P.R. 7838.
Leibo,S.P. 5566.
Leibowitz,J.L. 7009, 7036.
Leiden,J. 130.
Leinikki,P. 3785, 5187.
Leinikki,P.O. 2947, 4905,

IRL©1979

7079.
Leinwand,L. 1441.
Leis,H.P.,Jr. 2526.
Lejeune,F. 2504.
Lejeune,F.J. 1345.
Lelay,M.N. 7752.
Leloir,L.F. 6354.
Lemaire,G. 4086.
Lemaire,J.M. 1596.
Lemay,P. 4785.
Lembke,J. 183.
Lemercier,G. 6881, 8008.
Lemke,P.A. 8428.
Lemmen,K.L. 1732.
Lemmen,L.J. 1732.
Lemoine,M.-O. 6113.
Lemon,S.M. 5852, 5907.
Lemons,R.S. 2211.
Lena, S.M. 417.
Lenard,J. 2798.
Lenghaus,C. 2718.
Lengyel,A. 1437, 3551.
Lengyel,P. 1629, 1637, 7112, 7904.
Lenhard,V. 8211.
Lenk,R. 4728.
Lenkei,R. 6543.
Lennane,R.J. 1729, 3625.
Lennartz,H. 1063.
Lennette,E.H. 175.
Lennette,D.A. 847, 2460.
Lennette,E.H. 1566, 1567, 2760.
Lennette,E.T. 847, 4309, 4310, 7065, 7986, 8152, 8213.
Lenney,W. 2660.
Lennon,J.S. 1927, 5284.
Lenoir,C. 418.
Lenoir,G. 2888, 5035, 7261.
Lenygel,P. 7101.
Lenz,J.R. 139.
Leon, M.-E. 539.
Leon,J. 1898.
Leon,M.E. 5506.
Leon,V. 5808.
Leonard,J.C. 6610.
Leonard,K. 2796.
Leonard,N.J. 4337.
Leonard,S.H. 1306.
Leone,A. 6155, 7740.
Leone,F. 5680.
Leong,J. 2196.
Leong,S.S. 7897.
Leonova,G.N. 3300.
Leopoldt,D. 2695.
Lepachina,N.K. 4507.
Lepine,P. 1657.
Lepoutre,L. 1124.
Lepow,M.L. 2537.
Leppik,I.E. 6632.
Lepre,M. 3253.
Lerique-Koechlin,A. 7273.
Lerner, R. 60.
Lerner,A.M. 949, 3737, 4336, 5332.
Lerner,R. 5471.
Lerner,R.A. 1790, 2229, 3687, 4181, 6237.
Lernet,P. 1086.
Leroy,P. 6870.
Lery,L. 3019, 3029.
Leschine,S.B. 5522.
Lescott,T. 2809.
Lescure,B. 730, 7699.
Lesemann,D.-E. 1598, 2838.
Lesemann,D.E. 7498.
Lesiewicz,J. 1516.
Lesnaw,J.A. 1540, 7010.
Lesot,A. 6922.
Lesourd,M. 2015.
Lespinats,G. 7970.
Lessell,S. 6726, 6726.
Lesser,R.L. 6034.
Lessie,T.G. 2816.
LeStourgeon,D. 1771, 7227.
Leszczynski,W. 3923.
Leukart,O. 676.
Leunen,J. 3061.
Leung,D.W. 4690.
Leung,J. 1058.
Leung,K. 4378, 4379.
Leung,M.F.K.L. 4824.
Leung,M.K. 8417.
Leung,W.-C. 4824.
Leupold,H. 5938.
Lev,Z. 4776.
Levanon,A. 3439.
Levanyuk,V.F. 376.
Levashova,N.V. 2726.
Levenbuk,I.S. 6110.
Leventon Kriss,S. 1139, 4909.
Lever, J.E. 300.
Lever,J.E. 7211.
Levin,B.R. 2938.
Levin,J.G. 2205.
Levin,P. 8267.
Levin,S. 3201, 4976.
Levina,E.N. 1869.
Levine,A. 1554, 6017, 6828.
Levine,A.J. 1472, 6160, 6560, 7700.
Levine,A.S. 1750, 7711, 7918, 8122.
Levine,D.P. 949.
Levine,D.W. 7909.
Levine,M.M. 5683, 5684.
Levine,P.H. 5854.
Levine,R. 7771.
Levine,R.A. 6170.
Levine,S. 6941.
Levinger,L.F. 3668.
Levinson, W. 314.
Levinson,A.D. 4131, 5806.
Levinson,W. 770, 1741, 6551.
Levintow,L. 2898, 4131, 5806.
Levitina, T.L. 49, 64, 65.
Levitina,T.L. 3413.
Levitt,N.H. 7540.
Levrat,R. 3769.
Lévray,M. 3680.
Levy-Leblond,E. 7181.
Levy, J.S. 431.
Levy,B. 3888.
Levy,C.C. 2896, 7110.
Levy,D. 573, 6809.
Levy,H.B. 1641, 1644, 2329, 2420, 6503, 7918, 8406.
Levy,H.G. 2358.
Levy,J.-P. 3964.
Levy,J.A. 2196, 7002, 7234, 7751.
Levy,M. 3216.
Levy,R. 4562.
Levy,R.B. 5741.
Lewin,K.J. 4454.
Lewis,A.M.,Jr. 7711, 8054.
Lewis,F.A. 1148.
Lewis,F.B. 4572.
Lewis,G. 7739.
Lewis,H.D. 6491.
Lewis,J.B. 5461.
Lewis,J.H. 3207.
Lewis,L.D. 2694.
Lewis,R. 1053.
Lewis,V.J. 4914.
Ley,D.H. 7990, 8374.
Leyden,J.J. 8197.
Leyvitz,M. 7983.
Lezhneva,O.M. 1030.
Li,C.H. 2490.
Li,E. 667, 668, 7761.
Li,L.I. 27, 6188.
Li,S.S.-L. 3411.
Liang,J.-k. 7091.
Liaw,W.-S. 3659.
Libansky,J. 5131.
Libby,P.R. 7241.
Libikova,H. 2098, 5254.
Libnoch,J.A. 911.
Lidak,M.Yu. 6552.
Lidina,P.V. 8023.
Lidish,H.F. 4830.
Liebart,J.-C. 5519.
Lieberman,A.N. 8216.
Lieberman,M. 1791, 2083, 3131, 4362.
Liebermann,D. 2484.
Liebermann,H. 1417, 2677.
Liebhaber,H. 1672.
Liebke,H. 3863, 3871.
Liebscher,S. 8161.
Liebson,P.J. 4364.
Lief,F.S. 2427, 7552, 7553, 7554.
Liehl,E. 928.
Lieman-Hurwitz,J. 3407.
Liess,B. 6067.
Liew,C.-T. 3728, 7269.
Liggitt,H.D. 1995.
Light,J.A. 8205.
Ligumski,M. 3642.
Likar,M. 5417.
Like,A.A. 2729.
Likhacheva,N.A. 3506.
Lillehaug,J.R. 717, 6290.
Lilley,H. 1902, 2260.
Lillington,A.W. 3787.
Lilly,F. 1788, 2488.
Lim,A.L. 6859.
Lim,W.L. 3916.
Limberk,J. 1288.
Limentani,A.E. 8323.
Limson,B.M. 3187.
Limsowtin,G.K.Y. 831, 837.
Limsuwan,A. 3750.
Lin,B.Y. 4802.
Lin,E.J. 6548, 6896.
Lin,F.H. 3517, 4823, 6529.
Lin,H.J. 3269.
Lin,K.-H. 3379.
Lin,L. 1611.
Lin,L.S. 893.
Lin,T.-S. 291, 292.
Lindahl,T. 3396, 7587, 7720.
Lindberg,A.A. 1551, 7672.
Lindberg,J. 8265, 1121, 5210.
Lindbergh,P. 7868.
Lindell,T.D. 1324, 6972.
Lindeman,J. 7306.
Lindenberg,J. 4977.
Lindenberg,T.Ya. 5504.
Lindenmann,J. 3043, 7118.
Linder,D.S. 5186.
Lindh,G. 7868.
Lindigkeit,R. 7584.
Lindon,R.L. 1920.
Lindqvist,B.H. 7569.
Lindqvist,C. 8149.
Lindtnerova,L. 6617.
Linemeyer,D. 1588, 4881, 6937.
Linevich,L.I. 5121.
Ling,C.-M. 4329, 6429, 6439, 8017.
Ling,K.C. 3933.
Ling,N.R. 2433.
Lingam,S. 5686.
Lingappa,V.R. 4830.
Lingrel,J.B. 7560.
Lingwood,C.A. 5150.
Linhard,J. 3153, 5272.
Linial,M. 2227, 4805, 4879, 7823.
Linitskaya,G.L. 2906.
Link,H. 279.
Link,D. 4793.
Link,G.M. 2626.
Link,H. 979, 3894, 4516, 5056.
Linke,H. 3959.
Linke,H.K. 2957.
Linklater,K.A. 6770.
Linn,S. 6293.
Linnemann,C.,Jr. 3037.
Linnemann,C.C., Jr. 1088.
Linnemann,C.C.,Jr. 954, 5345.
Linsday,H. 3383.
Linsell,C.A. 1821.
Lint,T.F. 3117.
Lintak,M.-T. 3814.
Linthorst,C. 3202, 3528.
Linz,U. 7582.
Linzer,D.I.H. 6560.
Lipavska, H. 18.
Lipinska,B. 1453.
Lipinski,C. 3582.
Lipkovich,S.A. 5932.
Lipov,Iv. 2686.
Lipp,M. 7636.
Lipskaya,G.Y. 3995.
Lipton,H.L. 7454.
Lis,H. 8345.
Lisak,R.P. 1183.
Lisak,V.M. 5425.
Lisinska,G. 3923.
Lisok,T.P. 5434.
Lisovenko,V.G. 948.
Lisowska,K. 4299, 4910.
Lisowski,K. 4910.
Liss,S.M. 7939.
Lister,R.M. 3333, 4934.
Liston,J. 1886, 2239.
Liszewski,M.K. 6988.
Liteanu,D. 1345.
Litrenta,M.M. 483.
Littauer,U.Z. 2216.
Little,J.W. 1870, 6652.
Little,S.P. 4826.
Litvak,S. 6998, 7748.

Litwin,S. 2162.
Litwinska, B. 274.
Liu,H. Y. 1579.
Liu,J.-L. 5652, 6452.
Liu,L.F. 709.
Liu,S. S.T. 4599.
Liu,W. T. 5833.
Livanova, L.V. 349.
Livingston,D.M. 818, 3542, 7693.
Livneh,Z. 4645.
Liwnicz,B.H. 8226.
Ljubimov,A.V. 5780.
Ljungholm,K. 89.
Ljungquist,E. 4649.
Llorente,L. 6038.
Lloyd,G. 1419, 3765, 3803, 3831.
Lloyd,H.G. 3874.
Lloyd,N.L. 3789.
Lloyd,R.S. 3974, 7568.
Lo,K.W. 3702.
Lo,S. C. 2493.
Lobas,N.V. 3587.
Lobkovic,F. 6702.
Locarnini, S.A. 410.
Locarnini,S.A. 572, 863, 3823.
Locatelli,E.A. 2026.
Loche,M.P. 3454.
Lochmann,O. 5289.
Lockard,R.E. 4109.
Locker,H. 3992.
Locker,J. 611.
Lockwood,G. 2029, 2031.
Lockyer,W.J. 7080.
Loda,F.A. 4495.
Loda,P. 6076.
Lodi,M. 5672.
Lodish,H.F. 1510, 3487, 4144, 4829, 5576, 6337, 6352.
Lodmell,D.L. 3892.
Loeb,D.H. 7909.
Loeb,L.A. 6997, 7669.
Loeb,M.R. 5594.
Loebenstein,G. 1409, 5623, 7086, 7484.
Loesch Fries,L.S. 2841.
Lofberg,J.V. 5897.
Log,T. 966, 5611.
Loga,E.F. 6769.
Logan, E.F. 486.
Logan,E.F. 1724.
Logan,K.B. 4803.
Logeat,F. 692.
Loggen,H.G. 959.
Loginova,L.G. 2995.
Loh, P.C. 85.
Loh,H. 3613.
Loh,L. 5499.
Lohler,J. 4320, 8414.
Lohmeyer,J. 2905, 4249.
Lohrbach,W. 1261.
Loisillier,F. 1691, 3111, 5093.
Lok,C.K. 4480.
Lokaphadhana,K. 8223.
Loken,M.R. 4364.
Lolas, F. 462.
Loliger,H.-C. 3284, 3672, 5796, 5802.
Lolik,P. 3801, 3803.
Lolik,P.L. 3806.
Lombard,M. 2415.
Lombard,Y. 5202.
Lombardero,M. 4713.
Lombardi,A. 8254.
Lombardi,G. 1839.
Lombardi,P.S. 2109.
Lomonossoff,G.P. 4159, 5547.
Loncke,R. 1836.
Londer,H. 1853.
London,W.T. 1587, 3108, 5752, 6606, 6689, 6785, 7037, 7455.
Long,C. 5732.
Long,C.W. 1506.
Long,W.K. 5795.
Longa,G. 6727.
Longiaru,M. 7710.
Longson,M. 4409.
Longstreth,J.D. 2293.
Longworth,J.F. 3376.
Lonhard,M. 7506.
Lonngren,J. 7672.
Lonsdale,D.M. 6205, 6910.
Lopatina,N.G. 5517.
Lopes,M.C. 5974.
Lopez-Correa,R.H. 4428.
Lopez,C. 5068, 5418, 8212.
Lorand,A. 6113.
Lorenstein,B. 7127.
Lorenz,D. 2735, 3529.
Lorenz,P.R. 7747.
Lorenz,R.J. 1776.
Loria,R.M. 3751, 7446.
Loring,D. 752.
Lortholary,P. 2504.
Lortkipanidze,G.B. 4637.
Lorts,G. 8200.
Losch,U. 1959.
Losev,B. 4947.
Losev,B.B. 985.
Losi,C. 5859, 6541.
Loskutoff, D.J. 318.
Lossnitzer,A. 5857, 8161.
Lostrom,M.E. 5133, 8098.
Lot,H. 643.
Lott-Stolz,G. 6688.
Louarn,J. 6297.
Louarn,J.-M. 6297.
Loughlin,S.A.R. 6803.
Louie, J.S. 235.
Louise,A. 4858, 4859, 6222.
Lounatmaa,K. 678, 7628.
Lourd,M. 7482.
Loutit,J.S. 7044.
Loveday,K.S. 2246, 7668, 7845.
Lovik,A. 1317.
Lovisolo,O. 5382.
Lovtsevich,E.L. 4507.
Lowenthal,A. 8343.
Lowy,D.R. 774.
Loxam,J.G. 3685.
Loyter,A. 798, 3385, 5441, 7549.
Loza-Tulimowska,M. 7141.
Lozha,V.P. 3953.
Lozjuk,L.V. 682.
Lozovskaya,L.S. 1730, 2581, 3094, 5885, 5920.
Lozovskaya,Z.S. 6623.

Lu,A.H. 4848.
Lubben,T.H. 6310.
Lubeck,M.D. 1542, 6389.
Lubiniecki,A.S. 877, 3541.
Luborsky,S.W. 876, 3542.
Lucas,C.J. 977, 3636.
Lucas,C.R. 2641.
Lucas,M. 2687.
Lucas,M.H. 5019.
Lucas,Z.J. 3654.
Luce,J.M. 2558, 2655.
Lucero,M. 7893.
Lucke,V.M. 2681.
Luczak,J.C. 4000.
Luddington,J. 2687.
Luders,C.J. 7324, 8249.
Luderschmidt,C. 7381.
Ludwig Sanger,H. 6923.
Ludwig,H. 7457, 7531.
Lueders,K.K. 4634, 6215.
Luetzeler,J. 129.
Luftig,R.B. 7647.
Luga,J.M. 8008.
Luh,J. 4651, 4652.
Lui,M. 1057.
Lui,S.W.L. 1438.
Luk,G.D. 8327.
Luka-Iskander,G. 3614.
Luka,J. 5500, 5625, 7879.
Lukanidin,E. 4346.
Lukash,L.L. 3378, 6163.
Lukasiewicz,A. 990.
Lukeman, D.S. 330.
Lukert,P.D. 1955, 2005, 6052, 7530, 7991, 7992.
Lukic,J. 7957.
Lukin,A.A. 3504.
Lum,C.T. 8206.
Luna,J. 5477.
Lund,E.E. 5896.
Lundgren,D.L. 3899.
Lundgren,E. 3565, 5644, 5651.
Lundin,P. 8265.
Lundquist,R.E. 755.
Lundstrom,K.H. 7628.
Lung,M.L. 1791.
Lunger,P.D. 6886, 6887, 7254.
Lupcke,W. 1683, 6412.
Luperini,G. 3745.
Lupton,H.W. 4524.
Lussier,G. 2074, 6086.
Lustbader,E.D. 5754, 6606.
Lustig,A. 4605.
Lustig,F. 6300.
Luthardt,T. 4996.
Luther,P.D. 2765.
Luthgen,K. 2275.
Lutwick,L.I. 5168.
Lutz,O. 4996, 5682.
Luv,D.H. 5719.
Luz,A. 8095.
Luzi,P. 8398.
Luzyanina,T.Ya. 7094, 7362.
Luzzati,A.L. 7172.
Lvov,D.K. 1109, 1224, 4953, 7357, 7493, 7541.
Lvov,N.D. 3430
Lvovsky,E. 1641.
Lwanga,S.K. 1093.
Lyamina,V.F. 2995.
Lyapustin,V.N. 2891, 6949.
Lyarskaya,T.Ya. 3089, 5276.
Lyashenko,V.A. 7198.
Lycke,E. 2576, 3754, 7651.
Lyle,H.L. 647.
Lylerla,H.C. 7275.
Lyles,D.S. 1616.
Lynch,K.R. 4831.
Lynch,S. 1380.
Lynn, E.J. 372.
Lynn,D.E. 594.
Lynn,D.L. 4798.
Lynn,T.-C. 6603.
Lyon,G. 7318.
Lyon,M. 7527.
Lyons,M.J. 681.
Lyons,P. 5752.
Lyssiotis,T. 4395.
Lytle,C.D. 7032.
Lyubimova,G.V. 3587.
Lyubomirskaya,N.V. 6381.
Lyutskanov,D. 2686.

Ma,K.W. 1853.
Maaba,M. 4317.
Maaba,M.R. 3187.
Maaloe,O. 6831.
Maar,S.A. 4432.
Maas-Inderwiesen,F. 5119.
Maass,G. 4427, 6251.
Maassab,H.F. 2770, 5684, 6178, 7768.
Maat,D.Z. 2745, 4604, 4931, 6119.
Maat,J. 6909.
Maaz,E. 6003.
Mabena,F. 4437.
Mabin,D. 4558, 5181.
MacCallum,F. 6697.
MacCalman,J. 6717, 7382.
MacCaughan,C.A. 3868.
MacDiarmid,R.D. 1070.
MacDonald,G.J. 3625.
MacDonald,H.N. 1662.
MacDonald,J. 3875.
MacDonald,M.E. 7238.
MacDonald,R.D. 1336, 6172.
Macdougal,B.R.D. 1060.
Mace,D. 7680.
MacGillivray,A.J. 1583.
MacGillivray,J.B. 6725.
MacGregor,J.P. 1471, 4716.
Mach, O. 313.
Mach,O. 570, 1341.
Machanova,D. 7296.
Machida,A. 4949.
Machii,K. 5050.
Machlitt,R.-R. 6705.
Macias Mardones,P. 2592.
MacIsaac,P. 1504, 2206.
Mackay,P. 6391.
MacKenzie,J.S. 5323.
Mackenzie,A. 1254.
MacKenzie,E.F.D. 2549.
MacKenzie,J.S. 5959.
Mackey,J.K. 3991, 4385, 4664, 5160.
Mackowiak,P.A. 2586.
Macku,M. 7370.
MacLachlan,N.J. 3861.
Macleod,R. 5125.
MacMahon,B. 7317.
Macmaster,P. 1060.
MacMillan,J.F. 5884, 8185.
Macnab,G.M. 5280, 8163.
Macnab,J.C.M. 6570.

IRL©1979

MacNaughton,M.R. 3402, 3948, 2128.
MacPherson,I. 191.
Macquaire,G. 4692, 4843.
Macrae,A.D. 1572.
MacSween,R.N.M. 381.
Macura,B. 1205.
Macvarish,I. 6007, 7870.
MacVicar,J. 3732, 3753.
Madalinski,K. 6545.
Madden,D.L. 1587, 3108, 6689, 7079.
Madden,M.J. 4878.
Maddox, J. 487.
Maddrey,W.C. 7326.
Madelaine,M.F. 5659.
Madeley,C.R. 567, 1135, 5863, 7635.
Madewell,B.R. 5043.
Madge,G.E. 3751.
Madhavan, H.N. 364.
Madia,S. 5999.
Madigand,M. 7398.
Madjagaladze,G.V. 70.
Mador,R.A. 6783.
Madore,H.P. 619.
Madore,P. 2159.
Madsen,L. 2576, 3754.
Madsen,M. 5034.
Madyarova,R.S. 4224.
Maeda,A. 5484.
Maeda,O. 514, 1983.
Maeda,S. 1271, 2078, 3325, 3963.
Maeda,T. 1295, 6282.
Maekawa,K. 5763.
Maekawa,Y. 4431.
Maelicke,A. 3681.
Maenhaut-Michel,G. 842.
Maeno,K. 1403, 4852, 4853.
Maes,R.K. 6753.
Maetz, H.M. 430.
Maeyama,Y. 5077.
Maffei,L.A. 6584.
Magard,J. 2588.
Magazin,M. 3488.
Mager,D.L. 7238.
Maggio,L. 6584.
Magill,J.W. 7940.
Magnan,J. 6385.
Magnius,L. 6613.
Magrath,D.I. 6833, 6483, 7130.
Magrath,I. 1093.
Magrath,I.T. 1814.
Magris,D. 6722.
Maguire,M.J. 7316.
Magun,B.E. 8084, 8088.
Magureanu,E. 6695.
Magyarosy,A.C. 3934, 6815.
Mahajan,S.K. 3046.
Mahanta,P.N. 6064.
Mahdavi,V. 5127.
Mahdihassan,S. 3913.
Mahdy, M.S. 348.
Maheimer,I. 1455.
Maheshwari,R.K. 1745, 7901.
Maheswara Rao,S.U. 3616.
Mahmood,K. 2758, 3424, 4046, 5374, 7478.
Mahmud,M.I.A. 1265, 6104.
Mahnel,H. 2151, 7496.
Mahon,R.J. 4566.
Mahoney,J.P. 1158.
Mahy,B.W.J. 4730, 6362.
Maichle,I.B. 4668.
Maier,H. 6559.
Maier,W.F. 6547.
Main, C. 481.
Main,A.J. 8418.
Main,A.J.,Jr. 1904.
Maio, G. 412.
Maio,G. 5999.
Mair,H.J. 1892, 3753.
Mairtequi,J.I. 8335.
Maisin,J.R. 1375.
Maison,P. 6124.
Maiti,M. 6402.
Maitland,N. 4788.
Maitra,U. 5523.
Maiya,P.P. 5208.
Maiyorov,V.I. 5524.
Maizel,J.V.,Jr. 755.
Maiztegui,J.I. 968, 5340.
Majdan,S. 4299.
Majer,M. 6480.
Majewska,H. 2699, 4299, 7421.
Majors,J.E. 2202.
Majsky,A. 5748.
Majumdar,G. 2416.
Mak,S. 744, 4698.
Mak,T.W. 7237, 8022.
Makar,A. 5697.
Makarevich,I.K. 2995.
Makela,O. 8065.
Makhdoomi,G.M. 1126.
Maki,D. 6536.
Makin,T. 1897.
Makino,S. 2402.
Makino,Y. 5314.
Makishima,R. 3698.
Maksimova-Todorova,V.A. 3055.
Maksimova,V.A. 4561.
Maksimovich,N.A. 7440.
Maksudova,E. 403.
Malacco,E. 5872, 5955.
Malaisse-Lagae,F. 3891.
Malan,G. 2633.
Malauzat,C. 5206.
Malaviya,A.N. 907, 3160.
Maleki-Milani,H. 5355.
Maley,F. 106.
Malherbe,H.H. 2574.
Mali,V.R. 2047, 3358, 6263.
Malik,B.S. 1689, 4633, 7088.
Malik,G.B. 6506.
Malik,M.O.A. 5165.
Malinvaud, G. 368.
Malkoch,S.V. 5993.
Malkova,D. 3242, 3889, 5259.
Mall,T.P. 5369.
Mallavia,L.P. 7726.
Mallen,F.J. 7139.
Maller,R. 965.
Mallet-Guy,Y. 6635.
Mallick,B.B. 3616, 3864.
Malloy,M.M. 7170.
Malloy,P. 11.
Malmgren,R.M. 1946.
Malone,M.T. 2028.
Malone,T.G. 2789, 6728.
Maloney,M. 7132.
Malsberger,R.G. 6847.
Maltsev,V.N. 8175.
Maltseva,N. 7058.
Maltseva,N.N. 958.
Malumo,T. 2591.
Maluszek,G. 8256.
Maluszek,S. 7389.
Malyshev,N.A. 5867.
Mamaeva,O.A. 4840.
Mamfrim,A.J.V. 2628.
Mamkaeva,K.A. 6257.
Mammerickx,M. 2479, 3124, 7230, 7995.
Mamoun,R. 573.
Mamula,D. 4237, 7506.
Manabe, Y. 75.
Manabe,R. 1170.
Manahilov,R. 6668.
Manaker,R.A. 7691.
Mancal,P. 7861.
Mancini,G. 8308.
Mancini,W. 4117.
Manclark,C.R. 1675.
Manconi,P.E. 5437, 6367.
Manda,A.V. 3609.
Mandahar,C.L. 6812.
Mandard,O. 5336.
Mandel, M. 24, 605.
Mandel,A.D. 2986.
Mandel,G. 6303.
Mandel,M.P. 6526.
Mandell,G.L. 7491.
Mandelli,G. 1253.
Mandeville,R. 4614, 5739.
Manejias,R.E. 214, 2977.
Manenkova, G.M. 222.
Manenkova,G.M. 910.
Maness,K. 3056.
Mangel,W.F. 4611.
Mangiarotti,G. 1163.
Mani,P. 7405, 7420.
Maniatis,T. 5563.
Maniloff,J. 844, 2108, 2812.
Manini,M. 100.
Manis,S. 6288.
Manley,J.L. 2886.
Manly,K.F. 5821.
Mann, T.J. 553.
Mann,G.F. 3570, 5444.
Mann,J.M. 6485.
Mann,K. 2882.
Manneborg,A. 4617.
Mannering,G.J. 897.
Manning,B. 5205.
Manning,J. 4675.
Manning,J.S. 5156.
Mannino,R.J. 1751, 6267.
Mano,Y. 6304.
Manor,H. 4776.
Manos,J.P. 1699.
Manovich,Z. 7058.
Manservigi,R. 4877.
Mansour,D. 2601.
Mansurov,Kh.Kh. 8020.
Mantell,S.H. 2748.
Mantyjarvi,R.A. 8141, 874.
Manuel,P. 1862.
Manuelidis,E.E. 7439.
Manuelidis,L. 7439.
Manzer,F.E. 3921.
Manzillo, G. 412.
Manzillo,G. 5999.
Mapoles,J.E. 1421.
Maramorosch, K. 559.
Maramorosch,K. 3364.
Marc,J. 7256.
Marcelletti,J. 5828.
Marchal,C. 4859, 5554.
Marchenko,A.N. 4043.
Marchette,N.J. 3193 6523.
Marchionni,M.A. 2777.
Marchoux, G. 561.
Marchwicki,R.H. 6041.
Marcialis,M.A. 6367, 5437.
Marciani,D.J. 8080.
Marcinka,K. 7774.
Marcinkowski,T. 4299.
Marco,S. 6809.
Marcoli,R. 2141.
Marcon,M.J. 7718.
Marcovich,H. 5519, 6301.
Marcus,I. 918, 7944.
Marcus,O. 5248.
Marcus,P.I. 2304, 5650, 7910.
Marcus,S.L. 772, 2803, 5540, 7513.
Marczynska,B. 7222.
Mare,J.B. 2613.
Marenaud,C. 6124.
Marennikova, S.S. 503.
Marennikova,S.S. 2001.
Maret, R. 185.
Maret,R. 832.
Margen,S. 7038.
Margolina,A.N. 4505.
Margolis, H.S. 385.
Margossian,L.J. 5557.
Marhoul,Z. 7861.
Mariage,R. 2900, 7000.
Marin,M. 4223.
Marinetti,G.V. 8041.
Marini,S.C. 4242.
Marinkovich,V.A. 8226.
Mark-Malchoff,D. 8041.
Mark,G.E. 2199, 4145, 5804.
Marker,O. 5049.
Markewych,O. 713, 3450.
Markham,A.E. 1466.
Markham,P.D. 5158.
Marki,U. 3161.
Markov,K.I. 6393.
Marks,J.L. 7228.
Marks,J.S. 4281.
Marks,M. 2556.
Marks,M.I. 5177, 7145.
Marks,P.A. 1034, 1785, 2492.
Markson,L.N. 3684.
Markus,R. 6720.
Markushin,S. 7767.
Markvart,K. 6702.
Markwell,M.A.K. 2808.
Marmar, J.L. 338.
Marmion,B.P. 4590.
Marmor,J.B. 6630.
Marmor,M.F. 6630.
Maroney,P.A. 139, 1617, 6463.
Marongiu,M.E. 5437, 6367.
Maroun,L.E. 4962.
Marovitz,W. 7, 5141.
Marquart,K.-H. 8095.
Marquez,A. 1589.
Marquez,E.D. 1758.
Marron,A.E. 2409.
Marschall,H.-J. 6067.

Marsden, H.B. 375.
Marsden,H.S. 622, 820, 5570.
Marsden,S.A. 913, 7130.
Marsh,R.F. 2789, 6728, 6729.
Marshak,R.R. 5120, 5124.
Marshall,B. 7952.
Marshall,G.D., Jr. 1041.
Marshall,T.H. 4185.
Marshall,W.C. 1171, 7941, 3197.
Marston,N.L. 8421.
Martelli,G.P. 77, 2830, 2847, 3929, 7479.
Martens,F.B. 742.
Martens,J.W. 6800.
Martignoni, M.E. 548.
Martilla,R.J. 2571.
Martin,W.B. 497.
Martin Bertram,H. 4653.
Martin,S.J. 6838.
Martin,A.J. 1133.
Martin,D. 3769, 4512.
Martin,E. 418, 5961.
Martin,E.L. 6118.
Martin,G.R. 819.
Martin,G.S. 3998, 7822.
Martin,H.T. 1977.
Martin,J. 3902, 5236.
Martin,J.A.M. 3197.
Martin,J.D. 3981, 7580.
Martin,L.W. 6133.
Martin,M. 659.
Martin,M.A. 2508, 3982, 4340, 4874, 6202.
Martin,P. 3661.
Martin,R.G. 3540, 3542.
Martin,R.J. 7140.
Martin,S.J. 4706, 6272, 7770.
Martin,S.W. 6048.
Martin,T.J. 6126.
Martin,W.J. 4595, 5167.
Martin,W.W. 1236.
Martin,W.W.M. 3306.
Martincu,V. 4446.
Martinet,C. 2212.
Martinez de Artola,V. 6678.
Martinez Peralta,L.A. 5506, 5340.
Martinez Vazquez,J.M. 7333.
Martinez,D. 3857.
Martini,A. 5212, 5949.
Martini,G.A. 5058, 8018.
Martini,P.F. 1163.
Martinis,J. 7967.
Martinotti,M.G. 8404.
Martins,A.N. 6627.
Martone,F. 5986, 6040, 6075.
Martonosi, A. 499, 500.
Marty,M. 2521.
Maruniak,J.E. 2140, 4025.
Marusyk,R.G. 3404.
Maruyama, G. 455.
Marx,J.L. 5486, 7895, 7924.
Marx,P.A. 6527.
Masamba,M. 3760.
Masarutto,C. 2921.
Mashiah,S. 5927.
Masi,M. 3097, 5292, 7341.
Masillamony,P.R. 7964, 1685, 5424.
Masker,W.E. 7688.
Maslennikov,G.A. 3321.
Masliah,C. 3018.
Maslova,S.V. 6271.
Maslovsky,S.G. 4729.
Mason,E.C. 6430.
Mason,R.W. 1968.
Mason,W.S. 1763, 2201, 5804.
Masran,M. 8293.
Massanari,R.M. 7454, 8007.
Massie,A. 1141.
Massonie,G. 6124.
Mastafanova,L.I. 5078.
Mastaglia,F.L. 7300.
Mastenbroek,N. 859.
Masters,C.J. 6724.
Masters,H.B. 982.
Mastri,A. 1178.
Mastromei,G. 2173.
Mastropaolo,C. 5990.
Mastrullo,L. 7372.
Masurel,N. 920, 6694.
Mata,L. 3228, 7365, 8228.
Matarese,G.P. 1627.
Matas,A.J. 8139.
Mathad,S.B. 6115.
Mathan,M. 5973.
Mathar,R. 5844.
Mathes,L.E. 1023, 1712, 2949, 4222, 5733, 5814, 7998, 7999.
Mathevon,H. 7851.
Mathew,T. 5423, 5678, 6169.
Mathews,C.K. 108, 7679.
Mathews,J.D. 3042.
Mathews,M.B. 1474, 1476.
Mathiesen,L.R. 2735, 3529.
Mathieson,B.J. 6593, 8099.
Mathieu-Mahul,D. 6963.
Mathis,D.J. 121.
Mathisen,B. 4015.
Mathur,A. 267, 426, 6522.
Matikainen,M.T. 1601.
Matis,J. 650.
Matisheck,P. 993.
Matisova,E. 650.
Matjasic,M. 1142.
Matoba,S.I. 2127.
Matorina,T.I. 6890.
Matsevich,G.R. 4272.
Matsubara,K. 4845.
Matsubara,S. 7926.
Matsuda,M. 5277.
Matsuguchi,M. 4115.
Matsui,M. 2078.
Matsukage,A. 694, 762.
Matsumara,T. 6369.
Matsumori,A. 4548.
Matsumoto,M. 268.
Matsumoto,I. 2922.
Matsumoto,K. 5744.
Matsumoto,M. 1325, 4621, 5484.
Matsumoto,S. 1283, 1397, 1882.
Matsumoto,T. 1403, 4852, 4853.
Matsumoto,T.T. 1285.
Matsuno,S. 6931.
Matsuo,S. 5314.
Matsuo,T. 1428, 5464.
Matsuoka,Y. 1233, 7432.
Matsushita,K. 3926.
Matsuura,A. 6640.
Matsuyama,A. 7638.
Matsuzawa,A. 3690.
Matta,C.S. 3264.
Matteucci,D. 6528, 7236.
Matthaeus,W. 3082, 5658.
Matthews,R.E.F. 6836.
Matthews,B.W. 7682.
Matthews,R.E.F. 2848, 6843, 7517.
Matthews,T.G. 5728.
Matthews,W.B. 4514, 6033.
Mattila,K. 2797.
Mattioli,A. 7728.
Mattson,T. 3451.
Mattsson,D.M. 4308.
Matuchansky,C. 8208.
Matumoto,M. 1970, 2149, 2948, 4247, 4941, 5431.
Matundu,N. 3805.
Matuskova,M. 599.
Matveev,A.A. 3846.
Matz,B. 6912.
Mauchauffe,M. 4814.
Maudgal,P.C. 3312, 4544.
Maugh,T.,II 8225.
Maul,G.G. 4738.
Maupas,P. 344, 1062, 2299, 3153, 3603, 3773, 4453, 5006, 5688, 6663, 8267, 8311, 8316.
Maurer,D. 6430.
Maurer,P.H. 1798.
Mauro,D. 3825.
Mauro,L. 5672.
Maury,C. 6479, 7921.
Maury,Y. 4932.
Mautner,V.M. 2483.
Mavet,S. 6881.
Mawhinney,H. 3141.
Maxted,W.R. 4893.
May,E. 736, 4097, 4100, 6983, 8044.
May,G. 7259.
May,P. 736.
Mayberry,K.S. 8461.
Mayberry,W.R. 5785.
Mayer Valor,R. 1965.
Mayer,A. 2488.
Mayer,F. 1411, 7626.
Mayer,H. 8352.
Mayer,I. 4574.
Mayer,J. 7955.
Mayer,L.A. 8407.
Mayer,V. 6032, 6035, 6621.
Mayhew,D.E. 1285, 3927.
Maynard,J.E. 1162, 2954, 3532, 8017.
Mayo,D. 6090.
Mayo,J.A. 2142.
Mayo,M.A. 6925, 6943.
Mayor,H.D. 71, 4773, 4774, 4847.
Mayr,A. 941, 2275, 5875, 7126, 8268.
Mayr,B. 5042.
Mayumi,M. 889, 1652, 2609, 4949, 5632, 6259.
Mazaheri,M.R. 2714.
Maziere,C. 5092.
Mazieres,M. 8218.
Mazur,M.H. 1703, 3748.
Mazur,N. 2405.
Mazurina,N.A. 2581.
Mazza,A. 1355.
Mazza,C. 3838.
Mazza,C.C. 8277.
Mazza,G. 1562, 4900.
Mazzali De Ilja, R. 393.
Mazzeo,G. 3048.
Mazzone,H.M. 1425.
Mazzur,S. 986.
Mboi,B. 8292.
Mbuy,G. 3961.
Mbuyi,M. 3760.
Mc Lean,R.G. 5317.
McAleer,W.J. 5406.
McAllister,R.M. 2480.
McArdell,L.B. 2012, 3765.
McArdle,L. 3803.
McAuliffe,V. 3547.
McBain,J.A. 3436.
McBean,A.M. 1675, 5002, 7132.
McBride,R.A. 7958.
McBride,W.H. 5148.
McCabe Bachelor,M. 3170.
McCaffree,M.A. 7064.
McCaldin,B. 6575.
McCammon,J.R. 5607.
McCandlish,I.A.P. 4550.
McCarthy,D. 4090.
McCarthy,J.T. 1100.
McCarthy,W.J. 1381, 5411, 6227, 6242.
McCartney,A. 8299.
McCaughan,C. 492.
McCauley,J. 3410.
McCawley,P. 1275.
McChesney,A. 1995.
McChowell,J. 6043.
McClain,C.J. 7308.
McClain,W.H. 723, 1461, 4769.
McClements,W. 7218.
McClung,J.E. 262.
McClure,W.R. 2867.
McClurkin,A.W. 1586, 2690, 4523, 8358.
McColl,K.E.L. 3592.
McCollum,R.W. 4497.
McCombe,P. 7821.
McConahey,P.J. 6772.
McConnell,D.J. 7576.
McConnell,H.M. 7783.
McConnell,I. 3117.
McConnell,M. 5510.
McCool,D. 7237.
McCormick,F. 2861.
McCormick,J.B. 3758.
McCormick,K.J. 1007.
McCormick,N. 2514.
McCorquodale,D.J. 2176, 2775, 7837.
McCoubrie,M. 472.
McCoy,J.L. 967, 5047.
McCracken,D. 8300.
McCrae,M.A. 1392, 1447, 2138.
McCready,R. 5311.
McCullough,R.A. 6734.
McCullum,W.H. 1226.
McCumber,L.J. 7968.
McCutchan,T. 5451, 5452.
McDermott,J.R. 1948.

IRL©1979

McDevitt,H.O. 3085.
McDonald,F.D. 3046.
McDonnell,D.E. 8339.
McDougal,R.A. 3157.
McDougald,S.L. 5712.
McDougall,J.K. 308, 6269.
McDowell,T.S. 2503.
McElaney, M.A. 302.
McElligott,S. 3641.
McEntee,K. 4204.
McEntegart,M.G. 5052.
McFadden,G. 5501.
McFall,R.C. 4542.
McFarland,H.F. 6784.
McFarlane,J.G. 1725.
McFarlin,D.E. 7514.
McFerran,J.B. 1520, 1724, 4533, 4534, 5325, 7526.
McGarry,M.P. 1787, 7241.
McGeady,M.L. 6677.
McGeoch,D. 4189.
McGeoch,D.J. 1379, 1509, 7597.
McGeorge, M.B. 529.
McGeorge,M.B. 4545.
McGill,L.D. 6734.
McGirr,S.C. 2747.
McGowan,J.J. 689, 4117, 6286.
McGrail,T.P. 7229.
McGrath,C.M. 3703, 4393.
McGrath,M.S. 3131, 6592.
McGreevy,L.M. 4542.
McGregor,I.A. 1150.
McGrogan,M. 3370, 4108.
McGuffie,C. 1114.
McGuigan,J.E. 7391.
McGuire, M. 446.
McGuire,M.J. 1731.
McHardy,J. 3149.
McHenry,D.F. 3860.
McIntire,K.R. 3135.
McIntire,S. 4164.
McIntire,S.A. 3446.
McIntosh,K. 900, 982, 2266, 3154, 3387, 3948, 5745.
McIntosh,P.K. 606.
McIntosh,R.M. 4328.
McIntyre,G.J. 6582.
McIntyre,J. 5928.
McIntyre,W.I.M. 1747.
McKay,E. 1141.
McKean,J.D. 4527.
McKeehan,W.L. 4347.
McKendall,R.R. 2016, 6084.
McKenzie,A.J. 5183.
McKenzie,I.F.C. 2510.
McKenzie,R.A. 8351.
McKercher, P.D. 268.
McKnight,J.D. 7954.
McLaren,C. 976, 2442.
Mclaren,L. 6536.
McLaughlin,B. 6047, 6646.
McLaughlin,M.C. 5981.
McLaughlin,M.R. 6136.
McLean,A.A. 7148.
McLean, D.R. 463.
McLean, R.G. 519.
McLean,A.A. 5663.
McLean,S.L. 8394.
McLellan,W.L. 1027.
McLellan,W.L.,Jr. 2293.
McLeod,C.G., Jr. 1258.
McLeod,P.J. 3327.
McLintock,J.R. 8417.
McMacken,R. 104.
McMahon,M.J. 1073, 1074.
McMartin,D.A. 6742.
McMeel,J.W. 307.
McMichael,A. 3631.
McMichael,A.J. 2439.
McMichael,J.C. 888.
McMillan,B.C. 8237.
McMillen,M.A. 7949.
McMillin-Helsel,C. 1014.
McMullan,W.C. 1749.
McMullen,R.D. 2703.
McNair Scott,R. 6420.
McNair Scott, R. 6523.
McNeil,P.E. 1747.
McNeill,J.I. 1698, 7441.
McNeill,T.A. 1626.
McNulty, M.S. 486.
McNulty,M.S. 512, 1520, 2688, 6769.
McPherson, T.A. 463.
McQuain,C.O. 160.
McQuillin,J. 1133, 2266, 2447, 5745.
McRitchie,J.J. 5372.
McSwiggan,D.A. 4404.
McTaggart,S.P. 1697.
McVerry,B.A. 8321.
McVicar,J.W. 794.
Meade,C.E. 5130.
Meadow,P.M. 2852.
Meager,A. 7899.
Meagher,M.P. 3261, 5209.
Meagher,R.B. 5578.
Meberg,A. 5904.
Mebos,C.A. 6502.
Mebus,C.A. 1238, 2693, 6734, 6738.
Medeiros,E. 2227.
Medici,M.A. 1838.
Medina,D. 332, 4382.
Mednick,J. 7176.
Medon,S. 7790.
Medoyan, A.A. 349.
Medvedev,I.N. 7639.
Medvedev,N.Yu. 1079.
Medvedeva,G.S. 587.
Medvezki,P. 1369.
Megale,P. 5243.
Meggs,P.D. 7979.
Meglio,F.D. 5864.
Mehaut,M. 1944.
Mehl,R. 1144, 3794.
Mehr,K. 7382.
Mehr,L.E. 3286.
Mehrad,H. 6924.
Mehrotra,R. 5016.
Mehrotra,R.M.L. 426.
Mehta, P.D. 276.
Mehta,P.D. 2733.
Meier-Ewert,H. 4722, 5435.
Meier,H. 7246.
Meiklejohn,G. 3596.
Meiling,C. 8248.
Meinel,S. 3996, 7512.
Meinhart,H. 1958.
Meinke,W.J. 6164.
Meinkoth,J.L. 1016.
Meischke,H.R.C. 5778, 7207, 7519.
Meisler,A. 8041.
Meitert,E. 6447.
Mekada,E. 6181.
Mel'nik,A.V. 7639.
Melamed-Madjar,V. 2060.
Melamed,M.R. 5825.
Melchers,F. 6831.
Mele,A. 6701, 8310.
Melendez,L.V. 7952.
Melero,J.A. 4611.
Meliconi,R. 7150.
Melik-Andreasyan,G.G. 5747.
Mellars,B.J. 7864.
Mellema,J.-R. 7781.
Mellema,J.E. 655, 1413, 2834.
Mellin,P. 7307.
Mello,M.L.S. 5351.
Mellon,M.G. 152.
Mellon,P. 3998.
Mellor,A. 878.
Mellors,R.C. 4702.
Melluso, G. 445.
Melluso,G. 5764.
Melnick,J.L. 3533.
Melnick,J. 2999.
Melnick,J.L. 6848, 425, 1053, 1103, 1811, 1927, 2378, 2618, 3577, 3786, 4472, 5284, 5401, 6022.
Melnikova,E.V. 1869, 3162.
Melnikova,S.K. 6493.
Meloni,F. 5264.
Meloni,P. 5264.
Menault,M. 3212.
Mendelsohn,J. 6602.
Mendez,B. 5554.
Mendzhul,M.I. 6958.
Menegus,M. 4415.
Meneguzzi,G. 4606, 4791, 7701.
Menendez Ruiz, M. 2592.
Menendez,N.A. 3311.
Menetrat,J.L. 1677.
Menezes,J. 2087, 3463, 6867, 7983.
Mengeling,W.L. 5692, 6081.
Mengle,L. 2785.
Menkes,J.H. 2545.
Menna,A. 628, 1371.
Menon,G.G. 1820.
Menonna,J. 1082.
Menser,M.A. 2383, 2384.
Mensik,J. 5661.
Mentel,R. 3525.
Mentkevich,L.M. 2988.
Menyavtseva,T.A. 8004.
Menzel,G. 4194.
Menzel,W. 5318.
Meo,P. 7733.
Merault,M. 8261.
Mercer,A.A. 7044.
Mercer,W.E. 1381.
Meredith,G. 5387, 6149.
Mergeay,M. 2919.
Merigan,T.C. 950, 2354, 2986, 6476.
Merklen,F.-P. 7934.
Merklen,F.P. 7346.
Merkulov,M.F. 5089.
Merletti,J. 3666.
Merlin, L. 415.
Merlin,L. 4228, 5949.
Merriam,D.C. 3921.
Merriman,J. 5148.
Merritt,J.C. 1090.
Merryman,C.F. 1798.
Mersich,S.E. 2768.
Merson, M.H. 454.
Merten,C. 5754.
Mertens,F. 4339.
Mertens,G. 6971.
Mertens,P.P.C. 4002.
Mertin,J. 8342.
Mertvetsov,N.P. 6927.
Meruelo,D. 3085, 7244.
Merz,G.S. 6037.
Mes Tejada,R. 7881.
Mescher,M. 4325.
Messing,J. 161.
Mesyanizhinov,V.V. 1436.
Meszaros,J. 240, 930, 1979, 3309.
Metcalf,T.G. 3225, 5231, 5234.
Metcalfe,D.R. 6800.
Metelev,V.G. 7563.
Metianu,T. 2701.
Metselaar,D. 2623, 6681, 6694.
Metz, A. 566.
Metz,D.H. 1613.
Metz,J. 7292.
Metzger,E. 992.
Metzler,A. 5992, 6749.
Meulemans,G. 475, 3283, 6741, 7431.
Meurman,O. 1601.
Meurman,O.H. 1570.
Meyer zum Buschenfelde,K.H. 5997, 5951, 6542.
Meyer Glauner,W. 3673.
Meyer,A. 3856.
Meyer,B.C. 2952.
Meyer,B.J. 6296.
Meyer,F. 4173.
Meyer,H.M., Jr. 2391, 2403.
Meyer,H.M.,Jr. 2370.
Meyer,L. 1433, 6397, 8328.
Meyer,O. 7626.
Meyer,R.B., Jr. 997.
Meyer,T. 4635.
Meyer,U. 2695.
Meyermann,R. 2727, 7451.
Meyers,J. 4350.
Meyers,J.D. 1919.
Meyers,P. 588.
Meyers,T.R. 6849.
Meyling,A. 2692.
Meynell,E. 83.
Meyrier,A. 8261.
Meyskens,F.L.,Jr. 2523, 5161, 7205.
Meytes,D. 2566.
Mezencio,J.M.S. 2984.
Mezey,I. 1571.
Mgeladze,G.N. 70.
Miah,A.H. 3388.
Mian,G. 6722.
Miao,R.M. 4369, 5826.
Miatudila,M. 3760.
Michael,J.G. 5775.
Michaelides,M.C. 4318.
Michaels,R.H. 1265.
Michailova,L.N. 5096.
Michalak,T. 7141.

Michalickova,J. 6616, 6617.
Michalides,R. 8129.
Michalides,R.J.A.M. 1507.
Micheel,B. 5628, 7866.
Michel,J.L. 186.
Micheletti, R. 460.
Micheletti,R. 991, 999, 5063.
Michels,B. 5488.
Michtl,W. 406.
Middleton,P.J. 2573.
Midulla,M. 7293.
Miele,R.P. 8270.
Mierendorf,R.C. 8107.
Miers,L. 5023.
Mierzejewski,K. 5798.
Miescher,P.A. 5033.
Mieth,K. 5811.
Mieville,F. 2180.
Mifune,K. 5314.
Mihaescu,S. 6543.
Mihail,A. 921, 5988.
Mihailescu,R. 1706.
Mihailov,A. 6668.
Mihm,M.C., Jr. 1128.
Mijovic,V. 2541.
Mika,L.A. 5065.
Mikami, T. 3.
Mikami,T. 505, 4245, 5118, 5123, 5721, 6450, 7231, 7987.
Mike,V. 3149.
Mikelens, P. 314.
Mikelens,P. 1741, 6551.
Mikhailov,A.M. 4032.
Mikhailov,M.I. 5945.
Mikhailova,G.R. 1597.
Mikhailova,Z.M. 1730.
Mikheeva,G.A. 1730.
Mikhnevich,E.V. 5993.
Miki,T. 2933, 6400.
Mikolajczyk,M. 710, 7848.
Mikschy,U. 3629.
Mikulski,A.J. 892, 7114.
Mil'ner,B.I. 349.
Milanesi,G. 4606, 4791, 6309, 7701.
Milazzo,F. 3271.
Milazzo,J.P. 603.
Milbrath,G.M. 6136.
Milby,M.M. 8296.
Milcov,V. 1159.
Mildner, B. 566.
Milea,St. 1191.
Miles, J.A.R. 437.
Miles,J.A.R. 1070, 3195, 3239.
Miles,K. 7756.
Milgrom,F. 5713.
Milhausen,M.J. 4083.
Milici,V. 5988.
Milko,E.S. 835.
Millar,J.H.D. 1947.
Miller, B.R. 516.
Miller,A. 970.
Miller,C.L. 2401.
Miller,D.R. 1157.
Miller,E.R. 2730.
Miller,G. 4390, 4792, 6872.
Miller,G.G. 2907.
Miller,H.V. 7540.
Miller,J.M. 5810.
Miller,L.F. 1856.
Miller,L.K 4006, 7827.
Miller,N.G. 2815.
Miller,N.R. 5541.
Miller,R.B. 3887.
Miller,R.C., Jr. 2877.
Miller,R.G. 3075.
Miller,R.L. 3459.
Miller,R.S. 3564.
Miller,R.V. 4200, 7829.
Miller,T.B.,Jr. 7212.
Miller,V. 8193.
Millet,P. 8330.
Millikan,L. 1937.
Millman,I. 888.
Mills,B.J. 3086.
Mills,D.R. 712, 5521, 6308.
Mills,J. 5899.
Mills,R.P. 398.
Millward,S. 758.
Milman,N. 1934.
Milne,R.G. 1598.
Milne,I. 5148.
Milne,K.S. 1322, 1323, 4603.
Milne,R.G. 4568.
Milner,A.D. 2660.
Milner,J.J. 7778.
Milo,G.E. 2464.
Milosavljevic,J. 7268.
Miloserdova,V.D. 7463.
Milosovicova,A. 7143.
Milstead,J.E. 4569.
Milstien,J. 3416.
Milyutin,V.N. 4711.
Mimra,J. 5748.
Mims, C.A. 260.
Mims,C.A. 3782, 5331.
Mimura,N. 3968.
Mimura,O. 8233.
Minagawa,T. 171, 2990, 3452, 4153, 4766.
Minami,K. 5279.
Minami,R. 2468.
Minamishima,Y. 2373, 5014, 6331.
Minamoto,N. 4622.
Minar,J. 3242, 3302.
Minato,N. 3087, 3088, 8006.
Minder,H.-P. 6749.
Mindich,L. 6231.
Mine,S. 2582.
Minenkova,I.B. 1414, 4888.
Mineva,E. 4947.
Mineva,E.G. 985.
Mingrino,F. 6719.
Minick,C.R. 483.
Mink,G.I. 1278.
Minks,M.A. 1617.
Minna, J.D. 86.
Minna,J.D. 5819.
Minor,P.D. 1378.
Minor,T. 5245.
Minozii,M. 5724.
Minozzi,M. 5980.
Mintun,H.D.,Jr. 1933.
Mintz,D.H. 5088.
Mintz,L. 7528.
Minz,M. 7392.
Miorner,H. 3565, 5644.
Miralcu,F. 4197.
Mirand,E.A. 7241.
Mircetich,S.M. 1293.
Mirise,R.T. 5222.
Mirkovic,R.R. 6022.
Mirodzkhov,G.K. 8020.
Mironova, V.F. 349.
Mirskova,A.N. 8023.
Miryutova,T.L. 6098.
Mirza,A. 5514.
Mirzoeva,N.M. 4218.
Mirzoyan,N.S. 4272.
Mischer,P. 4510.
Mises,J. 7273.
Mishiro,T. 5632.
Mishra,L. 6600.
Mishra,S.S. 7867.
Miskin,R. 2524, 3681.
Misra,R.P. 2416.
Misra,U.K. 5306.
Misra,V. 1482, 5313, 5499.
Misra,V.S. 7200.
Missall,S.R. 5185.
Missio,C. 5294.
Missotten,L. 4544.
Mita,K. 4852.
Mitchell, D.N. 460.
Mitchell,B. 8405.
Mitchell,C. 1943.
Mitchell,E.B.,Jr. 629.
Mitchell,I. 5176.
Mitchell,R.S. 1771, 7227.
Mitchell,W.R. 6048.
Mitchenko,V.P. 7639.
Mitchison,D.A. 836.
Mitchison,N.A. 4304, 7857.
Mitelman,F. 5164.
Mitov,B.K. 2258, 2301.
Mitra,S. 704, 5535.
Mitrani,A. 5823.
Mitrova,E. 6032.
Mitschke,H. 2560.
Miura,A. 2792.
Miura,K. 6246, 6978.
Miura,R. 7938.
Miura,S. 2265.
Miura,Y. 2948, 4941, 6964.
Miwa,C. 6640.
Miyagawa,M. 3906.
Miyagi,M. 3467.
Miyahara, M. 206.
Miyajima,H. 6747.
Miyajima,S. 672.
Miyakawa,T. 7204, 8049.
Miyakawa,Y. 1652, 4949, 5632, 6259.
Miyake,T. 111, 1466.
Miyake,Y. 6181, 6940, 6953.
Miyamoto,H. 1386, 6332, 7890.
Miyamoto,K. 1439, 7262.
Miyamura,T. 3959, 6864.
Miyazaki,J. 171.
Miyazaki,J.-I. 4153.
Miyazaki,S. 8236.
Miyazono,J. 748, 4612, 7719.
Miyazu,M. 3185.
Miyoshi,I. 2516, 7262.
Mizoguchi,H. 6964.
Mizoguchi,Y. 4327, 5735.
Mizon,J.P. 8186.
Mizrahi,A. 1604.
Mizumura,Y. 8376, 8377.
Mizuno,F. 1428.
Mizuno,M. 3690.
Mizushima,S. 2855.
Mizuuchi,K. 162, 167.
Mjasnikova,I.A. 4953.
Mkrtumian,N.M. 5562.
Mladenov,Z. 1767, 5841.
Mlynarczyk,A. 7844.
Mlynarczyk,G. 7844.
Moar, M.H. 136, 751.
Mobry,P.M. 7001.
Mocarski,E.S. 6167, 6929.
Mochettaz, G. 415.
Mochizuki,M. 872.
Mocsari,E. 1194, 2951.
Modak,M.J. 772, 7744.
Modan,M. 1139, 2566.
Model,P. 4844, 6187, 7803.
Modlin,J.F. 5298.
Modrich,P. 617.
Moe,J.B. 5712.
Moegle,H. 1988.
Moeller,F.E. 7461.
Moelling,K. 58, 2200, 6157, 6999.
Moen, R.A. 489.
Moen,T.L. 1461.
Moennig,V. 2367.
Moeschlin,S. 6027.
Moffat,M.A.J. 1141.
Mogensen,S. 5873, 6718.
Mogi,M. 5314.
Mogilevsky,I.L. 7264.
Mohamed,N.A. 6223, 6811, 6818.
Mohammadzadeh-Kiai,F. 5179.
Mohammed,K.A. 3511.
Mohana Rao,G. 5364, 8464.
Mohanty, G.C. 533.
Mohanty,S.B. 8347.
Mohanty,S.K. 1294, 5361, 8026.
Mohd el Tahir,B. 3800.
Mohiyuddeen,S. 484.
Mohr,C. 2806.
Mohring,R. 1340.
Mohs,E. 1898.
Moisiadi,S.A. 2799, 5407, 8395.
Moldow,C.F. 3741.
Molibog,E.V. 4944.
Molinie,C. 5941, 6666.
Moller-Larsen,A. 960, 3068.
Moller, E. 279.
Moller,E. 4516, 8251.
Moller,W.J. 1293.
Mollerberg,L. 3322.
Molnar,E. 1571.
Molnar,I.G. 2651.
Moloney,W.C. 8103.
Momoh,M.A. 7411.
Monaselidze,D.R. 70.
Monastyrskaya, G.S. 20.
Monastyrskaya,G.S. 615.
Monath, T.P. 431.
Monath,T.P. 537, 4556, 8232.
Moncada,R.E. 1162, 2652.
Moncany,M. 3418.
Mondino,B.J. 3178.
Mondzelewski,J.P. 3178.
Mong,S. 6897.
Monghal,M. 2622.
Mongin,M. 3024.
Monif,G.R.G. 1660, 1711.
Monjan,A.A. 4321.

IRL©1979

Monna,T. 4327.
Monroe,L.D. 8221.
Monroe,S. 3997.
Monroy,G. 137, 138, 752.
Monsion,M. 4692.
Montagnier,L. 5101, 7233.
Montaldo,G. 3740.
Montefiore,D. 5240.
Montelaro,R.C. 796.
Montenegro,M.A. 4652.
Montenegro,S.A. 2426.
Montfoort,A. 3318.
Montgomery,J.A. 5769.
Monto,A.S. 2770, 4489, 5200, 6014, 6498.
Montoya,E. 839.
Montplaisir,S. 5906.
Moodie,J.W. 4608.
Moody,E.E. 7837.
Mooe,B.C. 2655.
Moon,G.J.H. 2675.
Moon,H.M. 1742, 3462.
Moon,H.W. 2690.
Mooney,A. 3595.
Mooney,S. 6584.
Moore,B.C. 2558.
Moore,C.G. 8291.
Moore,D.H. 1042, 1798.
Moore,D.M. 1388, 6094.
Moore,G.J. 1262.
Moore,M.R. 5143.
Moore,N.F. 666, 671.
Moore,P. 6306.
Moore,S.P. 821.
Moore,T.C. 4349.
Mooren,H. 8159.
Moorthy,A.R.S. 1961.
Moosa,A. 4451.
Moosai,R.B. 7067.
Mora, P.T. 301.
Mora,P.T. 876, 3542.
Morahan, P.S. 529.
Morahan,P.S. 4545, 5766, 6512.
Moraillon,A. 4538, 6079, 6740.
Moraillon,R. 3571, 4538, 6079, 6740.
Morales-Caballero,H.G. 4388.
Moran,L.A. 7681.
Morand,J.C. 8440.
Morard,J.-L. 7256.
Moraru,Gh. 5988.
Morcamp,D. 8186.
Morehouse,L.G. 3872, 4223, 7452.
Morein,B. 3322.
Morel-Maroger,L. 215, 7921.
Morel,G. 2738.
Morelli,G. 4651, 4652.
Moreno-Lopez,J. 3322.
Moreno,F. 2934, 4901.
Moreno,G. 3380.
Moreno,J.A. 2420.
Morens,D.M. 5881.
Morenz,J. 1067.
Morere,P. 2588.
Morgan-Capner,P. 5194.
Morgan,A.F. 4892, 7837.
Morgan,E.A. 3507.
Morgan,E.S. 5789.
Morgan,M.J. 6466, 7111.
Morgan,P.M. 7419.
Morgenfeld,M. 6634.
Morgenthau,J.E. 7356.
Morhenn,V.B. 4775.
Mori, M. 206.
Mori,A. 5314.
Mori,H. 1462.
Mori,R. 748, 4612, 7719.
Moriki,M. 1174.
Morin,M. 3872, 5335.
Morinaga,N. 5646, 6473.
Morioka,S. 103.
Moris,V.L. 4819.
Morisawa,S. 4327.
Morishima,T. 2374, 3185.
Morisset,R. 851.
Morisset,R.A. 1810.
Morita,J. 3391, 7047.
Morita,M. 4727, 7433.
Morita,R.Y. 1886, 2239, 5957.
Moritsugu,Y. 2640.
Moriwaki,K. 3690, 5132.
Moriyama,H. 1170.
Morogova,V.M. 3586, 4224, 7942.
Moroni,C. 2292.
Morris-Krsinich,B.A.M. 4603, 6888.
Morris, E.L. 413.
Morris,A.G, 304, 7109.
Morris,A.J. 6299.
Morris,C.D. 4535, 4536.
Morris,C.E. 6798.
Morris,C.F. 7680, 7681.
Morris,P.J. 5966.
Morris,T.J. 4688, 7606, 7641.
Morris,V.L. 4141.
Morrison,E.I. 6495.
Morrison,R.E. 6627.
Morrison,T.G. 160, 4705.
Morrison,W.D. 4200.
Morriss,F.H. 7170.
Morrongiello,M.P. 6357, 6386.
Morse,H.C., III. 970.
Morse,H.C.,III 6593.
Morse,H.C.,III. 8099.
Morse,L.S. 3441, 3495, 4116.
Morse,P. 1058.
Morser,J. 5515, 6477, 7899, 7902, 7903.
Mortel,R. 5848.
Mortensen,R.F. 5046.
Mortimer,P.P. 854, 2273, 5609.
Morton,D. 1463.
Morzycka,M. 4952.
Moscarello,A.A. 2672.
Moschen,M.E. 3077.
Moscovici,C. 312, 3122, 5111, 5730, 5800, 5801.
Moscovici,M.G. 3122, 5730, 5800.
Moscovitz,M. 5623, 7876, 7877.
Moseley, I.K. 431.
Moseley,J.W. 2648.
Moseman McCoy,M.I. 6310.
Moser,C. 7334.
Moser,H. 4793.
Moses,H.L. 4138.
Moses,M.A. 1867.
Mosharrafa,E. 2203.
Mosher,D.F. 8050.
Mosher,R.A. 7679.
Moshiashvili,I.Ya. 4995.
Mosier,J.E. 1960.
Mosin,A.F. 2111, 3975.
Moskalenko,L.N. 5581.
Moskowitz Widman,M. 3486.
Mosley,J.W. 1921, 5267.
Moss,B. 630, 1484, 1485, 4797, 7655, 7730, 7731.
Moss,B.A. 3409.
Moss,D.J. 4313.
Moss,E.W. 1964.
Moss,R. 1971, 1984.
Mossop,D.W. 4691, 6226.
Mostow,S.R. 3387.
Mouches,C. 4839.
Mouillot,L. 663.
Mountifield,J. 3583.
Mousa,G.Y. 2219.
Mousel,D.K. 5185.
Moussa,A.Y. 1269.
Moussouros, A. 283.
Mouton,Y. 5207.
Moutou,F. 2254.
Moutsopoulos,H.M. 6675.
Mouttet,M.-E. 1479, 6268.
Mowshowitz,S.L. 3475.
Moyer,G.H. 7286.
Moyer,R.W. 2176.
Moyer,S.A. 3472.
Moyne,G. 4115.
Mozes,L.W. 4970.
Mozes,M.F. 5892.
Mozes,R. 287.
Mozetic,M. 1142.
Mozola,M.A. 5553.
Msolla,P.M. 1963, 5312.
Mucha,V. 650.
Muchmore,E. 8367.
Mudholkar,G.S. 1870.
Mudric,V. 5007.
Muehlbauer,F.J. 4585.
Muel,B. 4188.
Mueller,C. 2119.
Mueller,G.C. 2493, 8107.
Mueller,W. 4173.
Mufti,S. 5568.
Muir,C. 4392.
Muirhead, M.R. 501.
Mukai,N. 307, 7215, 8055.
Mukamel,A. 7696.
Mukherjee,B.B. 7001.
Mukoyama,A. 6931.
Mukundan,P. 3749, 5208.
Mulder,C. 606, 1009.
Muler-Hill,B. 161.
Mullbacher,A. 6521, 7162.
Muller,G. 226.
Muller M.J. 508.
Muller-Hillenbrand,M. 4915.
Muller-Peddinghaus,R. 7418.
Muller,A. 635, 7496.
Muller,A.S. 6681, 6694.
Muller,G. 6691.
Muller,H. 1418, 5020.
Muller,H.K. 628, 1371, 7126.
Muller,M. 1482.
Muller,M.T. 5499.
Muller,R. 5213, 6006.
Muller,U. 2784.
Muller,W.E.G. 4793, 6284, 7714, 8025.
Muller,W.J. 2043.
Muller,W.K. 6097.
Mulligan,R.C. 4180.
Mullin,R.H. 2058.
Mullink,J.W.M.A. 1976.
Mulroney,S.E. 5854.
Mulvihill,J.J. 3541.
Mumford,D.H. 6758.
Mumford,D.M. 2514.
Munck,V. 6314.
Mundel,G. 1863.
Muneer,R.S. 164.
Munekiyo,R. 3491.
Mungall,W.S. 1732.
Munger,B.L. 1956.
Muniyappa,V. 6131, 8437.
Munk,K. 1241, 6912.
Munneke,J.A. 6611.
Munns,R.E. 5914.
Munns,T.W. 6988.
Munoz,N. 1821.
Munoz,O. 4474.
Munro,A.L.S. 6053.
Munro,J. 5394.
Munson,A.E. 6512.
Muntefering,H. 8402.
Mura,M.S. 6659.
Murakami,H. 21.
Murakami,T. 4621, 5431.
Murakishi,H.H. 1347, 5379.
Mural,R.J. 4647.
Murant,A.F. 640.
Murase,N. 7953.
Murasko,D.M. 4376.
Murata,A. 4639, 7045.
Murata,R. 4989.
Murer-Orlando,M. 5719.
Murialdo,H. 1528, 2217, 3482, 3483, 7782.
Murialdo,P. 3253.
Murphy,A.M. 3722, 5183.
Murphy,B. 3547, 5985.
Murphy,B.L. 1162, 2954, 3532.
Murphy,B.R. 2231, 5683, 5684.
Murphy,E.C., Jr. 2208.
Murphy,E.C.,Jr. 4140.
Murphy,F.A. 1263, 3420, 3764, 6850.
Murphy,J. 1748.
Murphy,J.R. 186, 6396.
Murphy,M.F. 998.
Murphy,M.L. 1325.
Murphy,P. 5902.
Murphy,P.A. 2363.
Murphy,R.F. 7670.
Murphy,T.F. 1381, 6227.
Murray,B.K. 5766.
Murray,H.W. 3073.
Murray,J.P. 4719.
Murray,K. 168, 6391, 7810.
Murray,M.J. 4020, 4883, 6240.
Murthy,K.G. 7435.
Murthy,K.K. 3118, 5797, 8068.
Murthy,M.R.V. 659.
Murthy,V.K. 4582.
Murti,K.G. 799.
Murugesan,S. 2756.
Murzina,E.A. 8188.
Muscoplat,C.C. 1327.
Museteanu,C. 8408.
Mushahwar,I.K. 4329, 6439,

8017.
Mushi,E.Z. 3620.
Musiani,M. 3072, 3461, 7721, 7786.
Muskett,F.C. 935.
Muskett,J.C. 5015, 7066.
Mussgay,M. 2264, 2498.
Musso,A. 5212, 5949.
Musso,A.M. 6634.
Mustaffa Babjee,A. 2422.
Mustafina,A.N. 1330.
Mustak Ali,T.M. 6131.
Mustard,J.F. 1267.
Mustayev,A.A. 6197.
Musto,J. 2087.
Mustoe,T.A. 633.
Muthukrishnan,S. 4841.
Mutoh,N. 2855.
Muzerie,C.J. 1841.
Myasnikova,I.A. 2099, 2732.
Myer,F.E. 2486.
Myers,A.R. 5197.
Myers,J.C. 764.
Myers,J.H. 6134.
Myers,M. 3958.
Myers,M.G. 6674.
Myers,M.W. 5496.
Myerson,D. 6274.
Myhrstad,J.A. 7375.
Myskin,A.A. 8297.
Myslovich,V.O. 8432.
Myszka,J. 7425.

Nabholz, M. 270.
Nabokov,Yu.S. 7264.
Nabokova,A.V. 3055.
Nachimuthu,K. 1685, 5424, 7964.
Nachlas,N.E., Jr. 5856.
Nadel,M. 2787.
Nadol,J.B., Jr. 1075.
Nadon,N. 4971.
Nagabayashi,T. 596, 2144, 5400.
Nagabhushanam, B. 223.
Nagafuchi,S. 7719.
Nagai,M. 3659.
Nagai,T. 8070.
Nagai,Y. 1403, 2139, 4852, 4853, 8153.
Nagaich,B.B. 3350.
Nagaki,D. 5416.
Naganawa,N. 5944.
Nagano,Y. 2361, 7115, 7116.
Nagaoka,S. 2160.
Nagaraja,K.V. 1708.
Nagarkatti,P.S. 3079, 5039, 6418.
Nagashima,K. 2727, 2805, 7451.
Nagashima,M. 1805.
Nagata,I. 895, 6460.
Nagata,T. 2933.
Nagayama,T. 7133.
Nagayeva,L.I. 5122.
Nagayoshi,S. 2374, 3185, 4853.
Nager,G.T. 7214.
Naghtigal,M. 2860.
Naghtigal,S. 2860.
Nagi,A. 8457.
Nagington, J. 388.
Nagington,J. 1059.
Nagle,B.T. 4542.
Nagy,G. 1571.
Nagy,J. 2607.
Nagy,R.M. 4542.
Nahmias,A.J. 2512, 3156, 4389, 4461, 4613, 5714.
Nahon Merlin,E. 5706.
Naiditch,M.J. 3600.
Naidoo,J. 184, 1543.
Naik,S.V. 6070.
Nair,C.N. 7657.
Naito, M. 206.
Naito,S. 1397.
Naito,Y. 5132, 8362.
Najarian,J.S. 8331, 5892, 8206.
Najarian,R.C. 4707.
Nakada,D. 7022.
Nakae,T. 7650.
Nakagaki,M. 638.
Nakagawa,E. 111.
Nakagawa,H. 5665.
Nakagawa,M. 1208.
Nakajima,K. 4001.
Nakajima,S. 5703.
Nakajima,T. 307, 7215, 8055.
Nakamura,T. 118.
Nakamura,K. 4722, 4832, 7100.
Nakamura,K.D. 8087.
Nakamura,M. 5908.
Nakamura,T. 1174.
Nakamura,Y. 3067, 4205.
Nakanishi,A.S. 1190.
Nakanishi,T. 5413.
Nakano, E.T. 302.
Nakano,J.H. 277, 627, 5670.
Nakao,J. 2151.
Nakao,M. 4327.
Nakao,T. 964, 2468, 8227.
Nakashima,K. 2893.
Nakashima,Y. 3408, 4695, 6291.
Nakata,A. 6195.
Nakatsumi,K. 4639.
Nakaya,Y. 1117.
Nakayama,C. 694, 762.
Nakayama,M. 6179, 7180.
Nakayama,N. 7938.
Nakazato,Y. 2478.
Nakazono,N. 7938.
Nakoinz,I. 1039.
Nalim,S. 4483, 8293.
Namba,K. 1245, 1246, 1997.
Namy,C.A. 4811.
Nanba,K. 8356.
Nandi,S. 5153.
Nanetti,A. 3104.
Nankervis,G. 3742.
Nankervis,G.A. 3313, 4464.
Naor,D. 3083.
Napthine,D.V. 7410.
Naqvi,Q.A. 2758, 4046, 5374, 7478.
Narang,A.S. 294.
Narang,H.K. 3263, 6085, 7509.
Naraqi,S. 1080.
Narayan,O. 1048, 1716, 1951, 2762, 4366, 4628, 4822, 5415, 6733.
Narayanan,K. 550, 6794, 8415.
Nardelli,L. 6076.
Nardi,G. 3048, 7360.
Nardiello,S. 5948, 8013.
Naret,C. 909.
Narita,M. 1245, 1246, 1997, 7449, 8355.
Naroditskij,B.S. 4663.
Naroditsky,B.S. 4667, 1369, 4650, 7585, 8057.
Narovlyanskii,A.N. 1622.
Narovlyansky,A.N. 3962.
Nartsissov,R.P. 1239.
Naruki,R. 2584, 4431, 7311.
Nasemann,T. 7125.
Nash,W.G. 2211.
Nash,A.A. 5069.
Nash,H. 4860.
Nash,H.A. 162, 167, 5459.
Nash,P. 8379.
Nasi,S. 5140.
Nasonov,E.C. 3527.
Nasonova,V.A. 1832.
Nasrallah,A.G. 1787.
Nasrat,B. 1731.
Nastac,E. 3705, 3708, 5162, 5847.
Nastri,G. 5657.
Nasz,I. 1437, 3066, 7403.
Nasz,J. 1369.
Nath,N. 986, 1126, 4233.
Nath,S. 6812.
Nathans,D. 173, 3986, 3987, 4098.
Nathanson,N. 970, 1185, 3902, 5236.
Naumann,G. 7834.
Naumova,V.K. 3524.
Nawathe, D.R. 511.
Nayak,D.P. 1431, 5433, 7600.
Nayudu,M.V. 5373, 8443.
Nazerian,K. 956, 5799, 7725.
Ndoye,R. 8162.
Nealon,T. 6092, 7445.
Nealon,T.J. 961.
Neauport-Sautes,C. 7023.
Nedospasov,S.A. 37, 1384.
Nedvedova,M.N. 4954.
Neel,E.U. 3075.
Neel,H.B.,III 2520.
Neely,D.P. 5011.
Neff,B.J. 5663.
Nehorayan,A. 7698.
Neidbaulik,J.N. 1766.
Neighbour, P.A. 541.
Neighbour,P.A. 1999, 2000, 3848.
Neild,G. 5965.
Neill,S.D. 4533, 4534, 5325.
Neilson,H.F. 4603.
Neiman,P. 319, 5799.
Neiman,P.E. 1014, 1539.
Neira,L. 7068.
Neishtadt,E.L. 7223.
Nejamkis,M.R. 8412.
Neklyudova,L.I. 4729.
Nelson-Rees,W.A. 1046.
Nelson,D. 5245.
Nelson,D.L. 5740.
Nelson,D.R. 2685.
Nelson,E. 4295.
Nelson,J. 2196.
Nelson,J.D. 1898.
Nemecek,V. 6709.
Nemoto,G.I. 5360.
Nemtseva,G.R. 3953.
Nenonen,N. 5266.
Neppert,J. 4232.
Nereantiu,F. 2507.
Nerenberg,S.T. 5025.
Nermut,M.V. 2128.
Nerome,K. 6179.
Nes,I.F. 170.
Nesaule,V.M. 7352.
Nestasic,V. 5285.
Nesterova,G.F. 3332.
Nestor,I. 1894, 3222, 7338.
Nesynova,R.V. 6000.
Netter,R. 663, 1677.
Neubauer,R.H. 1046, 1582, 1760, 5048, 5100.
Neugut,A.I. 6030.
Neugut,R.H. 6030.
Neukirch,M. 5020.
Neumann-Haefelin,D. 4265, 2366, 7122.
Neumann,C. 2976.
Neumann,C.G. 7319.
Neumann,W. 1192, 3287, 3308.
Neunert,H. 8161.
Neurath, A.R. 203.
Neurath,A.R. 1595, 4234, 4927, 4948, 7869.
Neurath,R.A. 6711.
Neustadt,P.M. 4321.
Nevedomskaya,G.N. 7094, 7362.
Nevill,E.M. 1223.
Neville,D.M.,Jr. 3432.
Nevins,J.R. 6326.
Newberne,P.M. 8470.
Newcomb,W.W. 4035.
Newell,N. 4600, 6200.
Newman,R.W. 1150, 4946, 7078.
Newmann,H. 2088.
Ng,A. 5150.
Ng,A.-K. 3135.
Ng,M.H. 1438, 2518, 4241, 7913.
Ng,M.L. 6338.
Ng,O.C. 3916.
Ng,S.-Y. 7707.
Ng,W.S. 4241.
Ngatidjan 4429.
Nguyen Thanh,K. 3031, 3021.
Nguyen, T. 12.
Ngwanza,N. 4436.
Nhonoli,A.M. 3210.
Niaz,G.R. 3648.
Niblack,J.F. 2353.
Niblett,C.L. 2039.
Niccolai,L. 3745.
Nice,H.M. 4209.
Nicholas, D.D. 238.
Nicholas,D.D. 8283.
Nicholas,R.A.F. 935.
Nicholas,R.A.J. 5015.
Nicholls,K. 3771.
Nichols,B.P. 1324, 4151, 6972.
Nichols,E.M. 6500.
Nichols,W.S. 5733, 7998, 7999.

IRL©1979

Nicholson,A. 7191.
Nicholson,B.L. 4216.
Nicholson,K. 4999.
Nicholson,K.G. 6497.
Nickell,M. 1937.
Nickell,M.D. 8241.
Nicolaescu,T. 281.
Nicolaieff,A. 6283.
Nicolaisen,B. 6899.
Nicolas,J.-C. 4263, 7183.
Nicolas,J.C. 6511.
Nicolau,C. 2139, 2857.
Nicoletti,F. 4407, 4408.
Nicoletti,G. 855, 891.
Nicoletti,L. 5152.
Nicollier,M. 1049.
Nicolson,M.O. 2480.
Nidzgorski, F. 471.
Niebojewski,R.A. 6626.
Nieburg,P.I. 1663, 6025.
Niederman,J.C. 4465.
Nielsen, S.W. 493.
Nielsen,G. 4433.
Nielsen,J.O. 4332, 4452, 7150.
Niemela,P. 4283.
Niehaus,F. 2045, 6797.
Nierlich,D.P. 4768.
Niermeijer,P. 3644.
Niermeyer,P. 4452.
Nies, K.M. 235.
Niesor,E.J. 5088.
Nieto-C,M.P. 642.
Niewenhuysen,P. 660.
Niezabitowski,A. 5628.
Nigam,P. 6637.
Nigamov,F.N. 3586.
Niggemann,E. 6901.
Nigida,S.M. 5402.
Nigro,A. 7873.
Nigro,N. 5212, 5949.
Nii,S. 1012, 6869.
Niiyama,Y. 306, 7251.
Nijkamp,H.J.J. 5580.
Nikaido,H. 2853.
Niklasson,P.-M. 8312.
Nikoforova,M. 957.
Nikolaeva,I.A. 26.
Nikolaeva,I.S. 5078.
Nikolaevsky,G.P. 5265.
Nikolayeva,M.A. 6110.
Nikolayeva,N.V. 5121, 7942.
Nikolov,N. 2686.
Nikolskaya,I.I. 94, 2238, 5517, 7043.
Nikoskelainen,J. 3075.
Nikulina,V. 7058.
Nilsen-Hamilton,M. 3113.
Nilsen,T.W. 7732.
Nilsson, B.Y. 461.
Nilsson,G. 5409.
Nilsson,K. 7117, 8066, 8156.
Nilsson,S. 6315.
Nimmanitaya,S. 6420.
Nimmanitya,S. 7175.
Nimmannitya,S. 3189, 3194, 3234.
Nimmich,W. 7834.
Ninan,G.T. 8318.
Ninane,J. 5917.
Ninfo,V. 5859.
Nirmeijer,P. 5952.
Nisalak,A. 3194.
Nisce,L.Z. 422.
Nishi,M. 5900.
Nishi,S. 5464.
Nishibe,Y. 577.
Nishida,T. 307, 7215.
Nishida,Y. 2582, 8235.
Nishigori,H. 2190, 4121.
Nishiguchi,H. 21.
Nishikawa,S. 111, 1466, 6153.
Nishima,S. 5729.
Nishimura,C. 2190.
Nishimura,K. 1117, 3391.
Nishimura,T. 7578.
Nishino,H. 1005.
Nishioka,K. 5784.
Nishioka,Y. 687.
Nishira,H. 2842.
Nishiyama,Y. 895, 6460.
Nishizawa,K. 8106.
Nishizawa,T. 6016.
Nishmi,M. 1903, 5203.
Nissen-Meyer,J. 170.
Nitzan,D.W. 849.
Niveleau,A. 862, 7769.
Nivet,H. 8311.
Niwa,O. 6589.
Niyogi,S.K. 704.
Nizamov,V.Sh. 4302.
Nkrumah,F.K. 4118.
Noah,N.D. 8323.
Noble,G.R. 885, 1151, 3041, 6491.
Noble,W.C. 184, 1543.
Nobunaga,T. 8295.
Nocentini,S. 3380.
Noda,H. 1232.
Noel,M.-C. 5690.
Nogueira,G. 8338.
Nojiri,T. 6259.
Nolan, I.F. 504.
Nolan,I.F. 1220.
Nomoto,A. 651, 1389, 4674, 4676, 6914, 7590, 8077.
Nomura,J. 5827.
Nomura,M. 3507, 5582.
Nomura,S. 3699.
Nonaka,S. 7133.
Nonomura,Y. 748.
Nonoyama,M. 582, 1428, 4119, 4671, 4795.
Noonan,C.A. 1534, 8046.
Noort,A. 7781.
Nord,C.E. 4891.
Nordal,H.J. 280.
Nordenfelt,E. 3829, 4836.
Nordin,G.L. 2161, 4570.
Nordlund,J.J. 8195.
Nordstoga,K. 3859.
Norkin,L.C. 1332, 2084.
Norkrans,G. 5266, 6658.
Norling,L.L. 1732.
Norman,D. 3168.
Norman,J. 3850.
Normura,M. 1553.
Noronha,A. 6550.
Norrby,E. 280, 979, 1320, 3602, 4516, 6036, 6732.
Norrild,B. 2941, 3543, 4240.
Norris,J.R. 3365.
North,T.W. 746.
Northoff,H. 3618.
Northway,J.D. 1856.
Norval,M. 4788, 6875.
Nosek,J. 1221, 5339, 6141, 7428.
Nosikov,V.V. 1359.
Nossal,N.G. 7510, 7676.
Nosseir,A.F. 1902.
Nota,N.R. 8412.
Notake,K. 7542.
Notkins, A.L. 534.
Notkins,A.L. 585, 745, 1244, 2091, 3890, 3891, 5765, 7305, 7816.
Nottay,B. 5670.
Notter,M.F.D. 133, 5848.
Nouvet,G. 2588.
Novak,J. 870, 1576, 4505, 4928, 5748, 6015, 6427, 6443, 6444, 7083, 7084.
Novak,M. 5874, 8435.
Novak,R. 8209.
Novak,U. 6999.
Novakova,J. 8458.
Novara,O. 3531.
Novello,E. 6722.
Novikov,V.K. 7469.
Novokhatskii,A.S. 1429.
Novokhatsky,A.S. 7905, 1597, 3652, 3704, 5638, 5653.
Novokhatskyi,A.S. 2333.
Nowak,J.A. 2108.
Nowicka,K. 3847.
Nowinski,R.C. 1789, 2495, 5133, 8098, 8120, 8121.
Nowosadko-Laskowska,D. 1834.
Noyrigat,C. 5865.
Nozaki-Renard,J. 4963.
Nozinic,R. 7661.
Nozu,K. 4765.
Nozu,Y. 4708.
Nudel,U. 687.
Numakunai,S. 2265.
Numazaki,Y. 8266.
Nurmiaho,E.-L. 2472.
Nusbaum, K.E. 268.
Nusbaum, S. 477.
Nuss,D.L. 1487.
Nusse,R. 1507, 8129.
Nussenblatt,R. 7282.
Nuti,M. 6002, 7374.
Nuttall,P.A. 2765.
Nwankiti,A.O. 3357, 6130.
Nwokolo,C. 5215.
Nwuga, V.C.B. 390.
Nyerges,G. 2377.
Nyland,G. 1293.
Nyman,D. 3727.
Nystrom,K. 4442.
Nystrom,P. 2085.

O'Sullivan,B.M. 3280.
O'Boyle,J.D. 512.
O'Brien,F.H. 6034.
O'Brien,J.R. 3076.
O'Brien,S.J. 2211.
O'Callaghan,D.J. 750, 4035, 5481.
O'Connell,A. 1062.
O'Connor, G.R. 371.
O'Connor,D.M. 6671.
O'Connor,G.R. 5180.
O'Day,D.M. 6715.
O'Day,K. 4867.
O'Day,K.J. 4866.
O'Farrell,P.Z. 4014.
O'Hara,P.J.A. 4763.
O'Herlihy,C. 5728.
O'Keefe,E. 3679.
O'Malley,J. 5722.
O'Malley,J.A. 1604, 4261.
O'Neil,A.E. 1153.
O'Neill,F.J. 5097.
O'Neill,S.P. 868.
O'Rear,J.J. 6214.
O'Rourke,E. 3193.
O'Rourke,T. 6523.
O'Shea,J.D. 684.
O'Shea,S. 5673.
O'Sullivan,F. 1058.
Oakes,J.E. 3884.
Obalek,S. 8144.
Oberdoerster,F. 4992.
Oberender,H. 5163, 6513, 7276.
Oberg, B. 527.
Oberg,B. 126, 3885, 4836, 7817.
Oberoi,M.S. 5621, 5622.
Oberst,R.J. 6988.
Obert,J. 6604.
Obi,T.U. 3294.
Obie,F. 6791.
Obijeski,J.F. 627, 6386.
Obonai,K. 2178.
Oborn,C.J. 2271.
Oboshi,S. 1054.
Obrecht,J.P. 2505.
Obrist,R. 2505.
Obrosova-Serova,N.P. 5984.
Obuchova,N.A. 835.
Obukhova,V.R. 1145, 5256.
Ochieng,P. 2962.
Oda,T. 118.
Oda,H. 748, 7719.
Oda,K. 1008, 2466.
Oda,T. 889, 2609, 4485, 5314, 6154.
Odagiri,T. 3876, 7433, 7824.
Odaka,T. 1035, 1784, 3690.
Oddove,E.A. 7038.
Odend'hal,S. 6756.
Odiase, G.I. 408.
Odink,K.G. 7603.
Oduloju,A. 1722.
Odunowo, T. 390.
Offenbecker,L. 1684, 7153.
Offner, H. 464.
Ofosu Amaah,S. 8283.
Ofosu-Ammah, S. 238.
Ogareva,N.A. 5945.
Ogata,M. 872, 4938.
Ogata,T. 8287.
Ogawa,H. 1819, 4179.
Oger,J. 7398.
Ogg,B.J. 7831.
Ogg,J.E. 7831.
Ogier,G. 7527.
Ogle,J.T. 8372.
Ogra,P.L. 964, 1126, 2431, 3010, 3526, 5722, 5738, 5750, 7966, 8012, 8015.
Oguma,K. 7040.
Ogura,H. 6873.
Oh,J.O. 6083, 6763.

Ohanessian,A. 3326.
Ohara,H. 2584, 4431, 7311.
Ohashi,A. 694, 762.
Ohashi,K. 7133.
Ohashi,T. 3108.
Ohba,M. 4610.
Ohira,M. 804.
Ohlmeier,H. 2637.
Ohmori,M. 2485, 8056.
Ohnishi,S. I. 6282.
Ohnishi,T. 4765.
Ohnishi,Y. 1054, 1552, 2958.
Ohno,E. 7180.
Ohno,S. 324, 5625, 7879, 8153.
Ohno,T. 7881.
Ohori,H. 6457.
Ohshima,K. 8362.
Ohshimi,K. 2265.
Ohsumi,M. 6187, 6377.
Ohtaki,S. 5094.
Ohtani,S. 4989, 6776.
Ohtsuka,E. 111, 1466, 6153.
Ohtsuka,M. 8236.
Ohtsuki,K. 1631.
Ohtsuki,N. 6612.
Ohtsuki,Y. 4381, 8056.
Ohyama,K. 19.
Oic, H.K. 86.
Oie,H.K. 2322.
Oikawa,A. 1761.
Oishi,K. 2814.
Okabe,H. 3169.
Okabe,J. 8118.
Okada, K. 3.
Okada,K. 804, 805, 5118.
Okada,M. 5356.
Okada,O. 2713.
Okada,S. 7097.
Okada,T. 5356.
Okada,Y. 1458, 5460, 6181, 6281, 6294, 6373, 6940, 6953, 6954.
Okajima,Y. 2582.
Okamoto,N. 8233.
Okamoto,T. 2776.
Okamura,T. 902.
Okazaki,A.W. 5799.
Okazaki,K. 2958.
Okazaki,T. 727.
Okenquist,S. 768.
Oker Blom,N. 2472.
Okorie,T. 3522.
Okumoto, M. 453
Okumoto,M. 2722.
Okun,D.B. 3743.
Okunewick,J.P. 5832.
Okuno,T. 1280, 3243.
Okuno,Y. 5744, 6419, 7131.
Olarte,J. 4474.
Old,D.C. 834.
Old,L.J. 882.
Olding,L.B. 7980.
Oldstone, M.B.A. 61.
Oldstone,M.B.A. 3896, 5037, 7189, 7444, 7980.
Olechnowitz,A.-F. 2136.
Olejnicek,J. 3303.
Oleske,J.M. 4389.
Oleszak,E. 5834.
Oleszek,D. 4266.
Oli,J.M. 5215.
Oliva,O.F.P. 4557.
Olivares,J. 839.
Oliveira,A.A. 2426.
Oliveira,C.E. 8277.
Oliver,D.O. 5229.
Oliver,H. 5850.
Oliver,S.G. 4753.
Oliveri,S. 855.
Olivieri,V.P. 6228, 6714.
Ollennu,L.A.A. 2041.
Olmedo,G. 2589.
Olonga,J. 7316.
Olsen,D.E. 3293.
Olsen,R.G. 1023, 1712, 2949, 4222, 5733, 5814, 7998, 7999.
Olshansky,A.Ya. 4251, 7106.
Olshevsky,U. 4352.
Olsnes,S. 6365.
Olson,A.J. 2132.
Olson,C. 1416, 5085, 5929, 7206.
Olson,G.B. 6105.
Olson,H.M. 2497.
Olson,J.A. 5922.
Olson,J.G. 8296.
Olson,L.D. 3872.
Olson,M.V. 4166.
Olson,N.J. 7014.
Olsson,L. 1792, 2496.
Olsufiev,N.G. 4486.
Olweny,C.L.M. 1093.
Omata,M. 2653, 3728, 4396, 6004, 7269.
Omato,M. 2530.
Omelchenko,S.I. 3922.
Omi,Y. 2265.
Omombo,K. 3805.
Omori,T. 1257, 1970, 2149, 2948, 4247, 4941, 7960.
Omura,H. 21.
Omura,T. 1284.
Ono,K. 694, 762, 5431.
Ono,T. 1032.
Onodera,T. 534.
Onodera,K. 5091.
Onodera,S. 6457.
Onodera,T. 585, 3890, 7305.
Onorato,L. 156.
Onorato,I.M. 5972.
Onorato,L. 2912.
Onta,T. 1233.
Onuma,M. 505, 4245, 5118, 5123, 7231.
Onunkwo,O. 7411.
Onunkwo, O. 511.
Onwubiko,A.O. 8289.
Ooka,T. 2888.
Oomoto,T. 1170.
Opalcenova,G. 6774.
Opelz,G. 414.
Openshaw,H. 745, 5765, 7816.
Opitz,U. 3691, 8110.
Opolon,P. 6661, 7390.
Oppenheim,A. 808.
Oppenheim,A.B. 808.
Oppermann, H. 314.
Oppermann,H. 2898, 4131, 5806.
Oram,J.D. 5608.
Oravcova,V. 7143.
Orchard,M. 5961.
Orci,L. 3891.
Ordonez,N.G. 3152, 3756.
Orellana,R.G. 5370.
Orenstein,W.A. 4281, 4282, 4286.
Orfei,Z. 3607.
Orii,T. 2468.
Orlich,M. 827, 5637.
Orlov,V.A. 923.
Orlova,E.B. 5145.
Orlova,N.G. 4729.
Ormerod,E. 4550.
Orn,A. 6479.
Orolin,D. 6032.
Oroszlan,S. 2801, 4354, 5538, 6349, 6934, 7615.
Oroszlan,S.T. 967.
Orr, I. 982.
Orr,C.M. 1681, 7404.
Orr,G.R. 1752.
Orren,A. 6655.
Orsi,N. 8030.
Orskov,F. 1864.
Orskov,I. 1864.
Orstavik,I. 5253, 5904.
Ortaldo,J.R. 7915.
Ortbals,D.W. 1672.
Orth,G. 2956, 8144.
Orthel,F.W. 943.
Ortiz-Ortiz,L. 848.
Ortmans,H. 8250.
Ortolani,G. 8310.
Ortona,L. 7193.
Ortonne,J.-P. 6635.
Orvell,C. 1401, 1402.
Oryntaeva,B.E. 7361.
Osanloo,E. 6650.
Osanloo,E.O. 4997.
Osato,T. 1428, 5464, 6572.
Osborn,J.E. 4672.
Osborne, C.A. 478.
Osburn,B.I. 5712.
Ose,V.P. 3953.
Oselka,G.W. 2650.
Oseni,G. 188.
Oserovic,A.M. 4953.
Oshima,K. 2582, 8235.
Oshiro,L.S. 3967.
Osiro,K. 3580.
Osiyemi,T.I.O. 7411.
Oskarsson,M.K. 2229.
Oslejskova,M. 7370.
Osler,A.G. 5735.
Osler,R. 5383.
Osmers,M. 5119.
Osowiecki,H. 7844.
Ossi,M. 1095, 1172.
Osswald,P.O. 5270.
Ostapenko,G.P. 6651.
Ostberg,L. 3665.
Oster-Granite,M.L. 5415.
Osterburg,G. 2776.
Osterhaus,A.D.M.E. 540, 3866, 4921, 6100, 6101.
Osterrieth,P.M. 6239, 7620, 7637.
Ostertag,H. 1003.
Ostertag,W. 6216.
Osther,K. 4977.
Osthoff,F. 5318.
Osti,L. 7341.
Ostler,H.B. 5287.
Ostrovski,B.Yu. 3162.
Ostrovsky,V.Yu. 1869.
Ostrowska,K. 2032.
Osung,O. 7989.
Osunkoy,B.O. 6673.
Otema, C. 265.
Oth,D. 4341, 7181, 7182.
Otsuka,H. 3657.
Otsuka,T. 5744.
Otsuki,Y. 6373.
Ott,A. 3993, 4668, 4924.
Ott,R.S. 2685.
Otte,J. 2479.
Otten,J.A. 1026, 2486.
Ou,C. 2922.
Oudart,J.-L. 4498.
Oudet,P. 121.
Ovander, M.N. 49.
Ovchinnikov,Yu.A. 2169.
Ovchinnikov,Y.A. 6292.
Ovchinnikov,Yu.A. 615.
Ovchinnikova,L.P. 6197.
Overall,J.C.,Jr. 288.
Overall,J.C., Jr. 2720.
Overall,J.C.,Jr. 1702, 3853, 5910, 5911, 6717, 7382.
Overbeek,G.P. 6298.
Overby,L.R. 4329, 6429, 6439, 8017.
Ovsepyan,M.S. 5880.
Owada,M. 8076.
Owens,D.G.C. 8185, 5884.
Owens,R.A. 786, 787.
Owensby, L.C. 374.
Oxelfelt,P. 828.
Oxford,J.S. 1175, 1379, 1591, 3597, 4946, 6280, 7186.
Oxman,M.N. 1630.
Oya,A. 4749, 4989.
Oyama,M. 5356.
Oyanagi,K. 2468.
Ozai,Y. 2265.
Ozaki,T. 2374, 3185.
Ozaki,Y. 4063.
Ozegowski,W. 5757.
Ozeki,H. 804, 805.
Ozer,H.L. 4258.
Ozeretskovsky, N.A. 222.
Ozeretskovsky,N.A. 4269.
Ozsoylu,S. 2585.

Paat,G. 8292.
Pabo,C.O. 4694, 6296.
Paccaud,M.F. 2386, 2392.
Pace,W.E. 5501.
Pacharee,P. 8223.
Pachl,C.A. 116.
Packard,M.E. 7965.
Packham,M.A. 1267.
Pacsa,A.S. 1137.
Padbidri,V.S. 428.
Pade,K. 195.
Padgett,B.L. 3108, 3981, 5888.
Padhy,R.N. 1430, 2817, 6117.
Padmanabhan,R. 39, 6203, 6985.
Padmanabhan,V.D. 7964.
Paetau, A. 402.
Pagani,L. 2173.
Pagano,J.S. 5852, 5907.
Page,E.H. 1197.
Page,R.K. 1955, 2005, 4293, 5013, 5695.

IRL©1979

Page,Y. 5241.
Paggi,G.C. 3531.
Pagoulatos,G.N. 4104.
Pahor,A.L. 4422.
Pai,C.H. 5177.
Paine, D.H.D. 446.
Pais,V. 1420.
Pajot,F.-X. 6069.
Paktoris,E.A. 4724, 5214, 6000.
Pal,B.K. 1373.
Pal,S.R. 1881.
Palade,V. 5414.
Palan,P.R. 3468.
Palazzetti,P. 5724, 5980.
Palazzo,U. 3530, 7368.
Palermo,P. 7374.
Palese,P. 1542, 2788, 3557, 6389.
Palfi,V. 1215, 5008, 5693, 6866.
Paliwal,Y.C. 2080.
Pallansch,M. 1488.
Pallesen,G. 8154.
Palma,E.L. 6368.
Palmer,A.E. 1587, 3108, 6785.
Palmieri,M. 813.
Palmiter,R.D. 4018.
Palsson,P.A. 1185, 3902.
Paludan, N. 1297.
Palukaitis,P. 785, 7016.
Palva,E.T. 4899, 7628, 7649.
Palva,T. 2546.
Pana,A. 3622.
Panayotatos,N. 6973, 6974.
Panayotou,P.C. 1300.
Pancake,S.J. 876.
Pancic,F. 2454, 2455.
Pandey,A.K. 3864.
Pandolfi,F. 5746.
Pandya,P.G. 1156.
Pandya,P.M. 1156.
Panem,S. 3152, 3715, 3756, 4364, 5856.
Panet,A. 634, 1498, 1503.
Pari,A. 5437, 6367.
Paniagua,R.Z. 5377.
Panichi,G. 5746.
Panicker,K.N. 7353.
Panjanvi,Z. 3627.
Panjevic,D. 8365.
Panjevic,Dj. 2704.
Pankratov,V.G. 3784.
Pankratov,V.S. 7093.
Pannone,B. 3838.
Panpatana,P. 8224.
Panzig,B. 3633.
Paoletti, A. 445.
Paoletti,E. 1487.
Paoloccui,P. 3097.
Paolozzi,L. 2245, 5519, 6301.
Paolucci,P. 5292.
Paonessa,D.F. 4314.
Papadopoulos,O. 3795.
Papadopoulou-Katottas, N. 3502.
Papaevangelou,G. 2638, 5267, 6439.
Papahadjopoulos,D. 6270, 6273.
Papamatheakis,J.D. 8080.
Papas,T.S. 7746.
Papavassiliou,J. 3502.
Papini,M. 4823.
Papocsi,L. 945.
Papp-Vid,G. 7858, 7889.
Papp,G. 3640.
Pappalardo,A. 6701.
Pappalardo,G. 855, 891, 2548.
Pappalardo,R. 6114.
Pappoe,M.A. 2614.
Paprocka,J. 2445.
Papsin,F.R. 8396.
Paque,R.E. 961, 6092, 7445.
Paquin,G. 5072.
Para,A. 424.
Paradelli,G.C. 3745.
Paradisi,F. 6454.
Paradiso,P.R. 6291.
Paraf,A. 1884, 8258.
Paranjape,V.L. 3609.
Parchi,C. 1839.
Pareek,S. 3706.
Parent,R.A. 8058.
Parenti,A. 1715.
Pares,R. 7626.
Pares,R.D. 2839.
Parfenov,N.N. 4034, 4667.
Pargac,M.B. 5784.
Pargaonkar,V.N. 7435.
Parihar,S.B.S. 3106.
Paris, V. 361.
Park,D.K. 3136.
Park,H. 6428.
Park,N.-H. 1994, 8394.
Park,S.S. 5819.
Parker,A.J. 2696.
Parker,B.A. 7704.
Parker,C.L. 5824.
Parker,J. 6080.
Parker,R.H. 6650.
Parker,R.L. 3056.
Parker,S. 7739.
Parkes,J.R. 411.
Parkhurst,J.R. 132, 1002.
Parkin,W.E. 6490.
Parkman,P.D. 2370, 2391, 2403.
Parks,W.P. 967, 7758.
Parmentier,R. 8222.
Parnes,J.R. 5777.
Parodi,A. 6740.
Parodi,A.A. 573.
Parola,A.H. 6563.
Paronetto,F. 4331.
Parr, R. 117.
Parr,R.P. 4797.
Parrella,A. 5764.
Parris,D.S. 1480.
Parrott,D. 7971.
Parrott,R.H. 1860, 3228, 4496, 5175, 5985, 5991.
Parry,R.P. 8185, 5883, 5884.
Parsons,D.G. 1266.
Parsons,G. 1266, 5631, 8010.
Parsons,J.L. 1278.
Parsons,P.G. 7255.
Partadiredja,M. 5333.
Parthasarathy,G. 3873.
Partiot,M. 3342.
Partridge,J.E. 6307.
Parulekar,S.S. 4314.
Paschal,E.H.,II. 3343.
Paschke,J.D. 3333.
Pascoe,R.R.R. 6745.
Pascucci,S. 6076.
Pasini,N. 1351.
Paskind,M. 4816.
Pasquale, G. 412.
Pasricha,J.S. 1931, 2663, 7258.
Pass,D.A. 6043.
Passeggi,C. 517.
Passiu,G. 7195.
Passov,R.S. 3213.
Pasta,L. 7368.
Pastan,I. 310, 1017.
Pastan,I.H. 5809.
Pasternak,E.J. 1929.
Pastore,G. 1161, 1880, 1883, 1885, 2644, 7082.
Pastoret,P.-P. 1700, 1996, 1998, 2145, 3855, 4360, 6054, 7401, 7975, 8344.
Pastoret,P.P. 6870.
Pastorin,L. 415.
Pastukhov,E.S. 4043.
Patanavanich,S. 995.
Patch,C.T. 7711.
Pate,P. 430.
Pate,J.L. 4734.
Patel,B.L. 1260.
Patel,K. 1870.
Patel,P. 2087, 3010, 3463, 7983.
Patel,P.A. 5722.
Paterek,K. 4448.
Paterson,M.C. 2781.
Paterson,P.Y. 7454.
Paterson,R.W. 5107.
Pates,R. 4343.
Pateyuk,V.G. 8247.
Pathak,A.A. 5669.
Pathak,R.C. 1207, 2702.
Pathak,S. 5326, 5337.
Patin,D.W. 6398.
Patocka,F. 5131.
Patoria,N.K. 5247.
Patrizi,G. 5980.
Patrovic,L. 4971.
Patte,J. 6297.
Pattee,P.A. 3500.
Patten,B.E. 1968.
Patterson,D.S.P. 8354.
Patterson,J.T. 7039.
Patterson,M. 2606.
Patterson,M.K.Jr. 1752.
Patterson,S. 6280.
Patti,S. 3530.
Pattison,J.R. 4221, 6421, 6422.
Patton,J.T. 1470, 6313.
Pattyn,S.B. 3721.
Pattyn,S.R. 3369, 3724, 3761, 3940, 8303.
Patwardhan,J. 5183.
Patzer,E.J. 666, 671, 6950.
Paucha,E. 875, 1473, 6449.
Pauchant,M. 5207.
Paucker,K. 2312, 5640, 7104.
Paul,D. 5786.
Paul,J. 6216.
Paul,P.S. 1327, 5692.
Pauley,R.J. 4382, 4383.
Pauli,R. 517.
Paulin,D. 5569.
Paulin,R. 8162.
Pauloin,A. 1607.
Paulsen,J. 3862, 7422.
Paulson,G. 8232.
Paulson,G.W. 1143.
Paulson,J.C. 6459.
Pauluzzi,S. 3666.
Paumgartner,G. 1942.
Pautrat,G. 6175, 6176.
Pauw,P.G. 7575.
Pavan-Langston,D. 3886, 5287, 8394.
Pavelic,P. 3133.
Pavelka,R. 1667.
Paver,W.K. 2575.
Pavilanis,V. 7520.
Paviotti,G. 3825.
Pavlidis,N.A. 7914.
Pavlov,P. 3302.
Pavlovic,M. 1727.
Pavlyuchenkova,R.P. 7264.
Pavri,K.M. 3196, 3237.
Pawar,V.M. 6258.
Pawlicka Domanska,Z. 2445.
Pawson,A. 3998.
Payet,M. 2642, 6606.
Payling-Wright,C.R. 6514.
Payment,P. 7520.
Payne,C.C. 2826, 4002.
Payne,L.G. 7535.
Payne,L.N. 936.
Payne,S.B. 854.
Pazin,G.J. 1845.
Pazmino,N.H. 2293.
Pchelkina,A.A. 2052.
Peak,J.G. 4655.
Peak,M.J. 4655.
Pearce,R. 4404.
Pearlstein,E. 8051.
Pearman,W.A. 922.
Pearson, G.R. 486.
Pearson,G.D. 621, 7706.
Pearson,G.R. 881, 2520, 3150, 6769, 8157.
Pearson,L.D. 5634.
Peavy,D.L. 974.
Pecenkova,I. 6702, 6709.
Pechinot,A. 8008.
Pechurkin,N.S. 2927.
Peci,J. 7143.
Peckham,C.S. 3197.
Pecknold, P.C. 558.
Pederneiras,A.A. 5243.
Pedersen,G.M. 5147.
Pedersen,P.H. 4977.
Pederson,J.A. 6610.
Pedgley,D.F. 509.
Pedrali Noy,G. 5532.
Pedreira,J.D. 5271, 5862, 5869, 7333.
Peeples,M. 6941.
Peet, R.L. 481.
Peeters,J. 3283, 6741.
Pegg,A.E. 5782, 8060.
Peigne,H. 6417.
Peigue,H. 1858.
Peix,A. 3216.
Peixoto,M.L.P. 2984.
Pejkovski,C. 5725.
Pejtsik,B. 1137.
Pelcher,L.E. 3426.
Pelham,H.R.B. 1517, 6364, 7776.
Pelle,R. 5724, 5980.

Peller,P. 7291.
Pellicer,A. 5563.
Pelosio,A. 5685.
Peluso,R.W. 2865.
Pemberton,J.M. 1561, 7049.
Pen,D.I. 1930, 5932.
Penaloza,R. 984.
Penchas,S. 2601.
Pene,J. 1559.
Pene,P. 8286.
Peneva,I. 3514.
Penhoet, E.E. 62.
Penman,S. 4728.
Pennazio,S. 3352, 4333.
Penney,J.B.,Jr. 8353.
Pennica,D. 109, 4831.
Pennington,C.R. 1118.
Pennington,T.H. 381, 1346, 1447.
Pennisi,G. 4407.
Pensaert,M. 2010, 2150, 7426.
Pensaert,M.B. 1972, 2724.
Penttinen,K. 3602, 6708.
Pepe,G. 6454.
Pepys,M.B. 2430.
Pera,A. 8019.
Peralta,P.H. 8230.
Peraudeau,L. 4814.
Perbal,B. 6562.
Perdue,J.F. 1773.
Perdue,M.L. 4806, 6213.
Pereira, M. 435.
Pereira,E.D. 1662.
Pereira,H.G. 6848.
Pereira,M.S. 4624.
Perekrest,V.V. 1597.
Perelmutter,L. 3619.
Perevezentseva,O.S. 5145.
Perevozchikov,A.P. 767, 4129, 4837, 8138.
Perez Bercoff,R. 4124.
Perez Miranda,M. 7192.
Perez Bercoff,R. 7733.
Perez Gonzalez,J. 3062.
Perez,S. 6549.
Perham,R.N. 803.
Peries,J. 1781, 2521, 6475, 7907.
Perk,K. 5104, 5815.
Perkins,J.B. 1560.
Perkins,R.G. 3662.
Perkins,W.J. 6250.
Perl,D.P. 1262.
Perlman,D. 661.
Perlman,J.D. 1949.
Perlmann,P. 1678.
Permogorov,V.I. 50.
Pero,G. 4408.
Pero,J. 6898.
Perold,J.G. 3725.
Perrault,J. 636, 7598.
Perreau,J. 5569.
Perricaudet,M. 2914.
Perrillo,R.P. 2612, 4923.
Perrin,D. 4858, 5554.
Perrin,L.H. 5037, 7128.
Perrin,M. 7447.
Perrin,P. 2269, 6256.
Perrotta,D.M. 6856.
Perry,A. 8.
Perry,H.D. 7139.
Perryman,L.E. 7997.
Pershin,B.B. 4995.
Pershin,G.N. 5078.
Persley,G.J. 182.
Person,J.M. 3615.
Person,J.R. 1851.
Persson,H. 126, 1476, 3665, 4015, 4697.
Persuy,M.A. 5773.
Pertschuk,L.P. 1180.
Perutz,M.F. 657.
Pesce,A. 100.
Pesce,A.J. 5775.
Pesce,V. 1161, 1883.
Pesek,J. 5201.
Pesendorfer,F.X. 5620.
Peserico,A. 3077.
Pessac, B. 316.
Pestka,S. 2338, 3564.
Petchclai,B. 1709.
Petek,M. 5572, 7532.
Peter,J.B. 5190.
Petera,V. 7296.
Peterhans,E. 2862, 2864.
Peterlin,B.M. 7676.
Peterman,B.F. 715.
Petermann,H.G. 5691, 7157.
Peterne,H. 7062.
Peters,A.C.B. 7306.
Peters,D. 2056, 2909, 3763, 4433.
Peters,G. 7753.
Peters,K.F. 1340.
Peters,L.Ya. 3587.
Peters,M.L. 6004.
Peters,R.L. 2530, 3728, 4396, 5293, 7269, 7994.
Peters,R.W. 5447.
Peters,V.V. 5078.
Petersen,E.E. 2366.
Petersen,G.B. 6378.
Petersen,L.J. 3915.
Petersen,N.J. 3532.
Petersen,P.H. 3166.
Peterson,D.A. 451.
Peterson,M.R. 2542.
Peterson,P.A. 3665.
Pethman,M. 3359.
Peticolas,W.L. 7608.
Petit,J.-F. 3970.
Petitjean,A.M. 783.
Petrak,Z. 2036, 3335.
Petranovic,D. 7661.
Petranovic,M. 7661.
Petrequin,R. 7082.
Petrescu,A. 6108.
Petrescu,Al. 921.
Petrescu,Z. 1918.
Petri,T. 4722, 5435.
Petri,W.A.,Jr. 7788.
Petricciani,J. 3416.
Petricciani,J.C. 4980.
Petricciani,J.R. 2370.
Petrozzi,L. 1880.
Pettay,O. 3785.
Pettersson,R.F. 2123.
Pettersson,U. 1370, 1476, 3395, 4015, 5529.
Petukhova,M.B. 4957, 211.
Petursson,G. 3902.
Petvaldska,L. 6656.
Petzold,S.J. 4734.
Peukert,M. 6499.
Peutherer,J.F. 4416.
Peyramond,D. 4425.
Pfau,C.J. 7544.
Pfeifer,S. 8217.
Pfeiffer,C.J. 8070.
Pfeiffer,N.E. 7955.
Pfeiffer,P. 4026, 4044, 5488.
Pfeil Putzien,C. 2711, 3307, 6748, 8360.
Pfendt,E.A. 4775.
Pfennig Yeh,M. 2177.
Pfister,H. 6507, 7582, 7627.
Pfizenmaier,K. 5027, 7209.
Pfleiderer,G. 1755.
Phair,J. 3037.
Phair,J.P. 954, 5346.
Phanthumachinda,B. 4481.
Phatak,H.C. 7642.
Phelps,A.H. 5705.
Philip,P. 8154.
Philippova,V.A. 1412.
Philippsen,P. 807.
Philips,W.C. 5478.
Philipson,L. 126, 3665, 4015, 4697, 6324.
Phillips,C.A. 1874.
Phillips,C.F. 5664.
Phillips,E.R. 1773.
Phillips,J.D.P. 1971, 1984.
Phillips,J.H.Jr. 1783.
Phillips,K.McL. 1141.
Phillips,P.E. 5167.
Phillips,R.W. 2694.
Phillips,S. 7028.
Phipps,P. 3619.
Pianigiani,G. 5236.
Piatak,M. 4781.
Piazza,M. 5999.
Piazzolla,P. 77, 1839.
Piccinino, F. 412.
Piccinino,F. 5948, 5999.
Picciotto,L. 5999.
Pichler,M.E. 1415.
Pick,K.-H. 5512.
Pickard,B.H. 2593.
Pickard,D.K. 5043.
Pickel,K. 4326.
Pickering,L.K. 4474, 7170.
Pickering,M.V. 994.
Pidcoe,V. 8379.
Pidetcha,P. 8231.
Pienaar, J. 365.
Pieringer,E. 6001.
Pierotti,M.A. 8094.
Pierre,A. 6576.
Pierre,F. 7406.
Piers,D.A. 1060.
Piersantelli,N. 4443.
Pierson,R.E. 1995.
Pietrogrande,M. 1119, 1877.
Piette,J. 2779, 3102, 6895.
Pignatti,P.F. 4606.
Pignoloni,P. 8308.
Pihl,A. 6365.
Pike,B.V. 2967, 5019.
Pike,R.M. 3217.
Pile,R.L.C. 5405.
Pilet,C. 3615.
Pilfold,J.N. 1861.
Pillai,K.S. 7466.
Pillot,J. 1720.
Pilotti,S. 1804.
Pilsworth,B.J. 433.
Pilsworth,R. 433.
Pilyavskaya,E.A. 8004.
Pimolpan,V. 8224.
Pinalie,A. 6482.
Pincet,J. 5924, 7993.
Pineau,P. 5238.
Pingleton, W. 401.
Pinheiro,F. 4557.
Pinkerton,J.H.M. 3141.
Pinnell,R. 8426.
Pinnock, D.E. 545.
Pinnock,D.E. 4569, 7641.
Pinter,A. 3407.
Pintera,J. 7194.
Pinto,A.A. 3610, 6519, 7089.
Pinto,G.H. 1900.
Pio Ribeiro,G. 2042.
Piomelli,S. 3572.
Piot,P. 3760.
Piotrowska-Jastrzebska,J. 3204.
Piper,C.E. 1228, 5124.
Piper,P.W. 2198.
Piperno,J.R. 1, 107.
Pirie,H.M. 1209, 1963, 5312.
Pirrotta,V. 4660, 4755.
Pirson,Y. 7387.
Pirtle,E.C. 951.
Piruzian,E.S. 2854, 3509.
Pis'man,T.I. 2927.
Pisanti,S. 849.
Piscitelli,L. 4394.
Pitha,P.M. 1620, 2313, 4966.
Pitt, M.J. 385.
Pitts,A.K. 6674.
Pizer,L.I. 2085.
Pizzigallo,E. 7193.
Pizzo,P.A. 1814.
Plachy,V. 421, 6546.
Plaeger-Marshall, S. 259.
Plaeger-Marshall,S. 2432.
Plaisner,V. 4620.
Plakhov,I.V. 4908.
Planterose,D.N. 2360.
Plaskitt,K.A. 2046.
Plata,F. 1788.
Platica,C. 281.
Platt,G. 3765.
Platt,G.S. 2012, 3803.
Platt,T. 4075.
Platts,W.M. 7343.
Plavosin,L. 1840.
Pleasure,D.E. 1183.
Pledger,W.J. 3661.
Pleij,C.W.A. 7781.
Plentz,K. 4287.
Plese,N. 7498.
Plesnik,V. 927, 975, 6656.
Pletnyov,A.G. 28.
Ploger,W. 1192, 3287.
Plotch,S.J. 1512, 4833.
Plotkin, S.A. 528.
Plotkin,S.A. 2723, 2999, 3036, 3584, 5679, 5931, 6168, 7295.
Plouffe,J.F. 6608.
Plouin,P. 7273.
Plowright,W. 1320, 3620.
Plugina,L.A. 5567.
Pluijms,W.J.M. 2802.
Plumb,R.T. 8453.

IRL©1979

Plus,N. 6183.
Pochebaum,B.F. 1106.
Pochet,R. 8105.
Podcernjaeva,R.Y. 4953.
Podgore,J.K. 912.
Podgorodnichenko,V.K. 1832.
Podgwaite,J.D. 3329.
Podhajska,A.J. 702.
Podlevsky,A.F. 5172.
Podoler,H. 4571.
Podoprigora,G.I. 1239.
Podsevalova,V.D. 5617.
Poduschnik,H. 2376.
Podymova,S.D. 3527.
Poehlman,J.M. 1304, 8436.
Poffenroth,L. 2461, 3649.
Poggio,A. 1104.
Poglazov,B.F. 1436.
Pogodina,O.N. 7969.
Pogodina,V.V. 587, 1619.
Pogrebnyak,E.M. 3586.
Pogrebnyak,Ye.M. 7942.
Pohla,V. 1962.
Pohlenz,J. 2690.
Pohn,H. P. 4275.
Poinar,G.O.,Jr. 4586.
Poindron,P. 5649.
Pointu,J. 7851.
Poirier, F. 316.
Poirier,J. 2555.
Poitevin,E. 6963.
Pokidysheva,L.N. 1622.
Pokrovskaya,N.Ya. 4269.
Pokryshkina,E.L. 3094.
Polak,J. 4575, 5689, 6816.
Polak,Z. 1288.
Polakova,K. 2968, 2969, 6534, 7077, 7099.
Polasa,H. 5348, 6106.
Polesky,H.F. 4926.
Poletaev,A.I. 6219.
Polette,M. 5475, 5476, 5477.
Polewska-Jeske,A. 3717.
Polezhaev,F.I. 178, 179.
Poli,G. 991, 999, 5063.
Poll,K. 7430.
Pollack, H.M. 338.
Pollack,J.D. 6622.
Pollack,R. 3116.
Pollack,S.B. 3688.
Pollard,R. 595.
Pollavini,G. 2540.
Polliack,A. 7298.
Pollice,L. 8164.
Pollock,J.L. 1875.
Pollock,T.J. 52, 706, 1459, 7804.
Pollock,T.M. 4986, 6486.
Pollowitz,J.A. 2563.
Pollter,J. 6499.
Polna,I. 3847.
Polos,P.G. 5438.
Polson,A. 4608.
Polukhina,L.E. 1527.
Polyakov,Yu.M. 178.
Polyakova,T.G. 5263.
Polydorou,K. 3297, 7436.
Polzella,A. 5657.
Pomenti,A.A. 7619, 7621.
Pomeroy,B.S. 1260, 1708.
Pomeroy,K.A. 1260, 1327.
Pompei,R. 5437, 6367.
Poncioni,B. 6781.
Pongpipat,D. 8231.
Ponomareva,T.I. 8057.
Pons-Tortella,E. 3735.
Pons,F. 7192.
Pons,M.W. 7766.
Ponsot,G. 7310, 7318.
Ponta,H. 2177.
Ponti,W. 991, 999, 5063.
Ponzetto,A. 8019.
Poole,W.S.H. 6088.
Poonam 5381.
Popa,L.M. 5472, 5544, 6359.
Pope,J.H. 4313, 7255.
Pope,R.S. 1929.
Pope,V. 2261.
Popenenkova,Z.A. 3321.
Popescu-Pretor,I. 1706.
Popescu,A. 921.
Popescu,G. 921.
Popescu,M. 4320.
Popli,S. 4997.
Popov,G. 2258.
Popov,G.V. 2301.
Popov,V.F. 7357.
Popova,T.L. 8271.
Popova,T.T. 6623.
Popovic,M. 249, 250.
Poppenborg,M. 7292.
Poppensiek,G.C. 8301.
Pornaro,E. 6541.
Port,G.R. 7355.
Porte,A. 5202.
Porter,D.D. 4349, 7286.
Porter,K.A. 5293.
Porter,R.C. 2407.
Porter,R.D. 3510.
Porterfield, J.S. 460.
Portetelle,D. 2479, 7230, 7995.
Portier,H. 3018.
Portis,J.L. 8109.
Portmann, B. 283.
Portmann,B. 4504, 5269, 5940.
Portmann,B.S. 1725.
Portner,A. 1398, 6255.
Portnoi,D. 5092.
Portocala,R. 3422, 6182, 6884.
Portolani,M. 7341.
Poryvaeva,T.I. 7361.
Porzig,K.J. 3686, 5813, 6915.
Posch,J. 520.
Poschmann,A. 8180.
Posen,G. 3639.
Poser,C.M. 1874.
Posevaya,T.A. 3704.
Pospeeva,N.A. 7942.
Pospieszny,H. 1303, 5363.
Post, J. 477.
Post,J.E. 4528.
Post,L.E. 1553.
Post,R.M. 2542.
Poste, G. 298.
Postic,B. 1735, 5286.
Postlethwaite,R.J. 4435.
Potachev, A.F. 222.
Potachev,A.F. 910.
Potash,L. 6788.
Poteete,A.R. 7020, 7021, 7053.
Potgieter,L.N.D. 6143.
Pothier,L. 7241.
Potter,B.J. 6544, 8014.
Potter,C.W. 1265, 3597, 4999, 5052, 5346, 6104, 6497, 6532, 7186.
Potter,M. 1040, 8097.
Potts,T.V. 7806.
Potvin,L. 3619.
Poucell,S. 1878.
Poudayl,L. 7831.
Pouget,M.-M. 6176.
Pouget,M.M. 3184.
Poulding,J.M. 2549.
Poulin, J.M. 185.
Poulin,J.-M. 832.
Pouliquen,A. 6441.
Pouliquen,Y. 4424.
Poulsen,J.H. 8334.
Poulson,D.F. 2814.
Poupon,R. 7390.
Pourcel,C. 4192, 4859, 6222, 6908.
Pousaz, R. 185.
Poussin-Rosillo,H. 422.
Poutier,J.C. 8440.
Povar,G.J. 7132.
Povarov,L.S. 7198.
Poverenny,A.M. 1832.
Povey,R.C. 1237, 1680, 6739, 7443, 7859.
Pow, I. 487.
Powell,A.T. 1522.
Powell,G. 3159.
Powell,H.S. 6045.
Powell,K.R. 6489.
Powell,L.W. 1114.
Powell,P.C. 936, 8067.
Powers,R.J. 5998.
Poynter,S.F.B. 6011, 6013.
Pozsonyi,T. 3640.
Pozzi,D.H.B. 1056.
Pragnell,I.B. 6216.
Prahoveanu,E. 6108.
Praiss, D.E. 338.
Prakash,S.S. 3711, 4981.
Prasad,L.B.M. 934, 2434.
Prasad,R. 5025.
Prasad,S. 6947.
Prasad,U. 3714.
Prather,S.O. 6565.
Pravdina,N.F. 7755, 8117.
Preble,O.T. 10.
Preblud,S.R. 1663, 2404, 4286, 6025.
Precausta,P. 937, 3605.
Predescu,E. 3705, 3708, 5162, 5847.
Preece,J.W. 1920.
Prehn,T.R. 4376.
Preisler,H.D. 3133.
Prell,H.H. 1532, 4172, 5564.
Premachandra,A.I. 3730.
Premkumar-Reddy,E. 8097.
Prensky,A.L. 7397.
Prentice,R.L. 8121.
Preobrazhenskaya,E.S. 6265.
Presnetsova,N.A. 3587.
Pressler,K. 1671.
Preston,C.M. 2188, 5473, 6992.
Preston,V.G. 622, 820.
Pretorius,F.J. 1061.
Prevar,D.A. 2734, 7037, 7455.
Prevec, L. 63.
Prevec,L. 5542, 6939.
Prevot,J. 2262.
Prezyna,C. 1483.
Price,A.R. 2170, 2171, 2873.
Price,D. 1559.
Price,D.A. 4435.
Price,J.A. 1332.
Price,J.M. 1848.
Price,P.C. 6434.
Price,R.W. 6082.
Prichard,W.D. 3056.
Pridgen,C. 154.
Prier,S. 5930.
Priest,J.R. 5193.
Prigorodov,V.I. 4593.
Priimagi,L. 2396, 2397.
Primault,B. 3161.
Primke,M. 754.
Prince,A.M. 1329, 1595, 1651, 7150.
Prince,G.A. 5349, 6788.
Pringle,C.R. 11, 1502, 2230, 2697, 5473, 6343, 6355, 7595.
Pringle,R.C. 863.
Prins,F. 8159.
Printz Ane,C. 7762.
Printz-Ane,C. 2212.
Printz,P. 2212.
Prior,H.C. 8351.
Prisender,S. 3727.
Prisyagina,L.A. 7352.
Pritchard,C. 1470.
Pritisyuk,G.G. 4163.
Prives,C.L. 4146, 4779.
Probert,M. 946.
Prochazka,Z. 5661.
Prochownik,E.V. 3715.
Profeta,M.L. 3249, 7359.
Prohaszka,L. 7403.
Prokein,K. 5058.
Prokhorova,E.V. 5089.
Promas,I.I. 1106.
Pronovost,A.D. 5711, 6975.
Proto,C. 5939.
Provost,P.J. 3050, 4564, 5443.
Provvidenti,R. 1298.
Prozesky,L. 476.
Prozesky,O.W. 231, 3000, 3835, 7147.
Prunieras,M. 3707.
Prusiner,S.B. 1187, 1188, 1189, 1949.
Prusoff,W.H. 291, 292, 5073, 6991.
Pruss, R.M. 331.
Pruzzo,C. 1549, 1550.
Pryanichnikova,L.V. 6874.
Przondo-Hessek, A. 180.
Przybelski,R.J. 1011.
Przybyszewski,V.A. 2261.
Ptackova,V. 8184.
Ptashne,M. 166, 4165, 4694, 6296.
Puccetti,P. 5736.
Puga,A. 745.
Pugaeva,V.P. 5984.
Pugh,C.S.G. 1486.
Pugin,P. 5033.
Pugliese,A. 5294.
Pujin,D. 5285.
Pulciani,S. 5138.
Pullarkat,R. 1742.

Pullon,D.H.H. 2569.
Pumpen,P. 696, 697.
Pumpen,P.P. 4068.
Pumper,R.W. 1249.
Purcell,R.H. 444, 543.
Purcell,R. 3547.
Purcell,R.H. 7331, 1122, 1157, 1679, 2597, 2658, 2735, 3529, 5994, 7196.
Purchase,H.G. 3880.
Purchio,A.F. 1497, 3655.
Purcifull,D.E. 4236, 5623, 5633.
Purdham,D.R. 5905.
Purdy,C.W. 931, 2407.
Puricelli,L. 1638.
Purifoy,D.J.M. 823, 4670.
Purivirojkul,W. 1304.
Purnell,E.W. 1866.
Purres,J. 5501.
Purrini,K. 6793.
Purtilo,D.T. 5753.
Pushkarskaya,N.L. 2906, 3430.
Pustowoit,B. 4149.
Pustowoit,W. 4149.
Pusztai,R. 199, 1580.
Putignano,A. 1880.
Putnam,C.W. 5293.
Putt,S.R. 3647.
Putz,C. 1279, 3954.
Putzrath,R.M. 844, 2812.
Puvion Dutilleul,F. 4097, 4115.
Pye,D. 5010.
Pyhala,L. 2992.
Pyhala,R. 6458, 8306.
Pyne,J.W. 6363.
Pyrhonen,S. 5026.
Pysina,T.V. 4953.
Pyzhenkov,V.I. 3336, 3355.

Qadripur,S.A. 4406.
Qavi,H. 8150.
Quacquarelli,A. 77, 1287, 2847.
Quaife,J. 3182.
Quak,J. 859.
Qualtiere,L.F. 588, 881, 8157.
Quan,C.P. 7970.
Quan,W. 8248.
Quander,J. 520.
Quartodipalo,M.E. 5619, 6540.
Quash,G. 862, 3677, 5295.
Quattrocolo,G. 3851.
Quennec,P. 5196.
Quercioli,A. 5974.
Querfurth,G. 2073.
Quetier,F. 3970.
Quigley,J.P. 5115.
Quimby, M.C. 2144.
Quin,J.W. 3625.
Quina,M.A. 7131.
Quiney,J.R. 2627.
Quinn,L.Y. 646.
Quinn,P.T. 5897.
Quint,W. 99.
Quintana,F. 369.
Quintrell,N. 2202, 7822.
Quiot, J.B. 561.
Quiot,J.B. 4930.
Quirino,A. 7372.
Qureshi,S. 3424.

Raae,A.J. 722.
Rabello,E.X. 3781.
Rabin,E.H. 5538.
Rabin,H. 1046, 1582, 1760, 5048, 5100, 7299, 8133, 8135.
Rabin,M. 2242.
Rabinovich,A. 968.
Rabinovitch,M. 214, 2977.
Rabinowitz,S.G. 8193, 3429, 6778, 6779, 7546, 7787.
Rabkin, S. 40, 623.
Rabotnova,I.L. 1544.
Rabson,A.R. 278.
Rabson,A.S. 3067.
Rabussay,D. 4089.
Racaniello,V.R. 2788.
Raccah,B. 4042, 7484.
Race,M.W. 3382, 3419.
Race,R.E. 1188, 1189.
Racev,P. 8203.
Racevskis,J. 2803, 5539, 7513.
Rachelefsky,G. 8171.
Racz,M.L. 7068.
Radasziewicz,T. 5620.
Radding,C.M. 7792, 5448.
Radke,J. 7822.
Radnai,B. 1717, 6773.
Radonovich,M.F. 735, 4100, 7702.
Radovanovic,Z. 3579.
Radsak,K. 688.
Raducanu,S. 1706.
Radzikowski,C. 5816.
Rae,A. 4629.
Rafferty,K.A.,Jr. 1756.
Raffier,G. 1136.
Rager Zisman, B. 541.
Rager-Zisman,B. 591.
Raggi,L.G. 1723.
Raghow,R. 1398, 6255.
Rahimian,H. 3354.
Rahmsdorf,H.-J. 2177.
Rahn,R.O. 7688.
Rai Chowdhuri,A.N. 5678.
Rai,A. 6755.
Rai,A.V. 484.
Rai,J. 4619.
Rai,R.R. 7386.
Rai,S. 426.
Raia,S. 6612.
Raichani,Yu. 5893.
Raichur,B.S. 1820.
Raikova,A.P. 6370.
Raineri,G. 6665.
Rajagopalan,M.S. 8318.
Rajagopalan,P.K. 7353.
Rajan,T.S.S. 3872.
RajBhandary,U.L. 4109, 4690.
Rajcani,J. 1221, 1243, 2098, 5329, 5339, 6141, 6621.
Rajegore,S.B. 6263.
Rajya, B.S. 533.
Raker,R.K. 8276.
Rakhmanova,A.G. 4440.
Rakusanova,T. 8045.
Ralf,N.M. 6110.
Ralph, N.M. 1330.
Ralph,P. 1039.
Ram,G.C. 7537.
Ram,R.D. 5386.
Ramabhadran,R. 2209.

Ramachandran Nair, S. 444.
Ramachandran,P. 1289.
Ramaika,C. 5043.
Ramakrishnan,K. 5933, 6121.
Ramakrishnan,N. 6258.
Ramakrishnan,T. 1741, 6551, 7027.
Ramanarayanan,M. 7881.
Ramani,V. 6632.
Ramanna,B.C. 1881.
Rambach,A. 1356.
Ramballdi,M. 3104.
Rameriz,P. 8142.
Ramia,S. 6857.
Ramig,R.F. 633, 3497.
Ramirez-Ronda,C. 4428.
Ramirez,F. 687.
Ramirez,G. 6645.
Ramirez,M.L. 7634.
Ramisse,J. 584.
Ramm,K. 6247.
Rammohan,K.W. 6784.
Ramos,E. 3842.
Ramos,L. 2090.
Ramos,S. 2978.
Ramot,B. 2566.
Rampe,G. 3510.
Rampichini,L. 3125.
Rampin,T. 1253.
Rampinelli,L. 5859.
Rampini,C. 5092.
Ramsay,M.A. 6882.
Ramsdell,D.C. 5368, 6798.
Ramsey,L.R. 7745.
Rana,G.L. 674, 3929.
Ranchod,M. 6629.
Rancurel,G. 1944.
Randall,C.C. 629, 689, 4016, 4117, 5481, 6166, 6286.
Randles,J.W. 7016, 7604.
Randolph,M.F. 5040.
Randone,G. 2540.
Ranelle,B.D. 5178.
Ranka,P.C. 7386.
Ranke,M. 5005.
Rannon,L. 1139.
Ransil,B. 4305.
Ranson,B. 3168.
Rao,B.C. 3841.
Rao,D.D. 7596.
Rao,D.V. 557.
Rao,K.M. 3079, 5039, 6418.
Rao,M.M. 3935.
Rao,P.N. 5784.
Rao,R.N. 165.
Rao,S.M. 5505.
Rao,V.C. 6012.
Rao,V.P. 7435.
Rapicetta,M. 5003.
Rapley,P.E.L. 8452.
Rapoport,A. 4314.
Rapp,F. 7654.
Rapp,C.E. 7982.
Rapp,F. 82, 1335, 1812, 3145, 4746, 4835, 5791, 6567, 6883, 8060.
Rapp,U.R. 589, 2228, 2913, 4023, 4185.
Raptis,L. 6321.
Rascati,R. 5820.
Rascati,R.J. 2486.
Rasch,G. 917.

Raschke,W.C. 1039.
Rase,F. 2479.
Rasheed,S. 333, 7250, 8132.
Rashid,A. 2611, 3639.
Rashmi,A. 7315.
Rasilo,M.-L. 6933.
Raska,K.,Jr. 6329.
Raskas,H.. 3370.
Raskas,H.J. 740, 3456, 3458, 4108, 4666, 6323.
Rasmussen,C. 6683.
Rasmussen,L. 950.
Rass,I.T. 6649.
Rassam,S. 1731.
Rassart, E. 105.
Rassart,E. 2172.
Rassoulzadegan,M. 2462, 2880, 6562.
Rastogi, S.C. 465.
Rastogi,S.C. 6481.
Rastrygin,N.P. 2995.
Rasvlova,T.Kh. 8020.
Rataul,H.S. 2057.
Ratcliff,S.W. 4651, 4652.
Ratev,M. 8203.
Ratner,L. 209, 1629.
Ratovitskii,Eh.A. 767.
Ratovitsky,E.A. 7223.
Ratti,G. 93, 2213.
Rattray,M. 6609.
Rattray,M.C. 1083.
Ratushkina,L.S. 1109.
Ratz,F. 7216.
Ratz,K.-H. 5163.
Rau,D.C. 610.
Rauh,J.L. 2997, 3011.
Raumgarten,R. 6720.
Raun, N.E. 464.
Rautenstein,Ya.I. 1544, 1546, 5581.
Raveed,D. 6727.
Ravetch,J.V. 4636, 6187.
Ravisse,P. 971.
Rawls,W.E. 2903, 4824, 5849.
Rawluk,L. 4867.
Ray, S. 387.
Ray,C.G. 2531.
Ray,D.S. 705, 2918, 3448.
Ray,K.P. 7212.
Ray,U.R. 7647, 7819.
Rayburn,P. 4549.
Raychaudhuri,M. 4045.
Rayfield,E.J. 7320.
Rayment,I. 6261.
Raymond,R.G. 7538.
Raz,A. 3701.
Razin,A. 811.
Razjivin,A.P. 658, 6374.
Razjiyin,A.P. 7607.
Read,S. 1186.
Reading, C.L. 62.
Realdi,G. 1728, 5859, 6541.
Ream,N. 8322.
Rebello,M. 1637.
Rebentish,B.A. 1414.
Rebhun,D.J. 4454.
Rebhun,W.C. 4528.
Reboul,M.C. 6635.
Reculard,P. 3614.
Reddemann,H. 4449.
Reddy,A.P.K. 7471.
Reddy,D.V.R. 4582.

IRL©1979

Reddy,G.P.V. 108.
Reddy,H.R. 6131.
Reddy,N.V. 8445.
Reddy,T.V. 7435.
Reddy,V.B. 123, 1367, 4101, 4781.
Redeker,A.G. 5293.
Redmond,W.B. 4199.
Redolfi,P. 3352, 4333.
Ree,G.H. 2529, 8165.
Reed, D. 429.
Reed,C.D. 8119.
Reed,D.E. 3865, 4524.
Reed,J.P. 5565.
Reed,R. 6961.
Reed,S.E. 213, 989, 2266, 6648.
Reepmeyer,M. 3308.
Rees,M.W. 6245, 7625.
Reese,P. 3133.
Reetz,M.T. 6547.
Reeve,J.N. 87, 6971, 7797.
Reeve,P. 4631, 5347.
Reeves,J.F. 7550.
Reeves,J.T. 3333.
Reeves,W.C. 1083, 3070, 3266, 6609, 8296.
Regensberg,M. 7390.
Reggio,P.H. 2142.
Reginster,M. 2077.
Regupathy,A. 7462.
Regy,J.-M. 8207.
Rehnig,A. 4725.
Rehse-Kupper,B. 3242, 5257.
Reich-Rohrwig,C. 2818.
Reich,E. 2524, 3675, 3681, 8082.
Reichard,P. 699, 731, 6315, 6316.
Reichelderfer,C.F. 3444.
Reichman,R.C. 1703.
Reichman,U. 5068.
Reid, H.W. 487.
Reid,H.W. 939, 1971, 1984, 6096, 6742, 7156.
Reid,L.M. 5432, 8006.
Reid,T.W. 4807, 6344, 6586.
Reimann,A. 2857.
Reimers,H.-J. 1267.
Rein,A. 2761, 3693.
Reinert,K.-E. 4654.
Reinert,P. 5299.
Reinertsen, J.L. 232.
Reinet,J. 2396, 2397.
Reingold,V.N. 7448.
Reinhardt,A. 5761.
Reinold,E. 1667.
Reis,R. 2017, 2426.
Reiser,J. 4660.
Reiss-Gutfreund,R.J. 8059.
Reitman,M.J. 5909.
Reitz,M.,Jr. 2502.
Reitz,M.S.,Jr. 4000, 5839, 8123.
Rekosh,D.M.K. 4113.
Rekosh,M.K. 7815.
Remaut,E. 7796.
Remington,M. 3266.
Remington,M.A. 6609.
Remy,G. 3015.
Renaudet,J. 3791, 3792, 8298.
Renaudin,H. 3478, 4839.
Renault, L. 190.
Renault,L. 5613.
Renaut,F. 7160.
Renger,F. 1067, 5942.
Renis,H.E. 5768.
Renkonen,O. 2797, 6933.
Renner,F. 5996, 7322.
Rennie,M. 8067.
Rennie,M.C. 936.
Rennie,R.P. 4891.
Reno,J.M. 2720.
Renold,A.E. 5088.
Rentier,B. 2771, 4246.
Renton,K.W. 897, 1833.
Renton,P.H. 4455, 6442.
Repanovici,R. 5472, 5544, 6359.
Repik,P.M. 7743.
Reshetnikov,S.S. 6927.
Resibois,A. 4865.
Resnick,J. 1357.
Resnick,P. 2494.
Ressang,A.A. 859.
Resta,M. 3271.
Retailliau,H.F. 3247, 7364.
Rettenmier,C.W. 4183.
Reuben,R.C. 1785, 2492.
Reukauff,H.-J. 1916.
Reuler,J.B. 3576.
Reunov,A.V. 8450.
Reuveni,Y. 6318.
Revankar,G.R. 2456.
Revel,M. 2328, 2974, 4965, 4976, 6467, 7102.
Revello,M.G. 3244.
Revet,B.M.J. 7602.
Revillard,J.P. 5241, 5720.
Revoltella,R. 5137, 5706, 8102.
Rexroth,W. 2610.
Rey,J.L. 1140.
Rey,M. 5662.
Reyes,O. 5584.
Reyes,R.L. 1179.
Reynolds,F.H.,Jr. 322.
Reynolds,D. 5037, 6250.
Reynolds,D.J. 969.
Reynolds,D.W. 377, 2559.
Reynolds,F.H.,Jr. 4023.
Reynolds,G.T. 3611.
Reynolds,R.K. 1505.
Rezee,A. 3636.
Rezelman,G. 4148.
Reznick,A. 5510.
Reznik,V.I. 4264, 4953, 7362.
Rhee,S.H. 6351.
Rhee,Y.O. 5711.
Rhein,G.M. 5888.
Rheinstrom,S.D. 2719.
Rhim,J.S. 3136, 7250.
Rho,M.H. 3457.
Rhoades,M. 4177, 4178, 6186, 6229.
Rhoads, D.B. 187.
Rhodes-Feuillette,A. 6475, 7907.
Rhodes,A.J. 7348, 7943.
Rhodes,A.R. 1128.
Rhodes,M.B. 1238, 4214, 6734.
Ribecky,R. 5795.
Ribeiro,G. 2287.
Ribot,S. 5221.
Ricard,B. 3478, 4839, 4843.
Ricciardi-Castagnoli,P. 4362.
Riccio,A. 3851.
Rice,J.F. 5890.
Rice,N.R. 4137, 8135.
Rich,M.A. 3689.
Richard-Molard,C. 3326.
Richard,M. 3019.
Richards, J.T. 288.
Richards,A.W. 3340.
Richards,F.F. 1028.
Richards,J.C. 7610.
Richards,K.E. 643, 4689.
Richards,O.C. 4675.
Richards,R.G. 4772.
Richards,R.H. 567.
Richardson,C.D. 157.
Richardson,B. 447.
Richardson,C. 8354.
Richardson,C.D. 57.
Richardson,E.P.,Jr. 4517.
Richardson,J. 5358.
Richardson,L.S. 2734, 7037, 7455.
Richardson,R.C. 2679.
Richer,C.-L. 5719.
Richman,A.V. 1158.
Richman,D.D. 7948, 5681.
Richmond,M.H. 3365.
Richmond,S.J. 6647.
Richter,B. 5096.
Richter,J. 7173, 7985, 8184.
Richter,K.H. 2376.
Rickenbach,A. 1986.
Ricketts,R.T. 7113.
Rickinson,A.B. 2467, 4313.
Rickwood,D. 1583.
Ridehalgh,M.K.S. 6422.
Ridet,J. 3791.
Rieber,M. 5808, 8114.
Riedel,B. 3100.
Rieder,V. 6464.
Rieger,M. 5936.
Riera,M.C. 1589.
Ries,S.M. 6136.
Riesner,D. 6247, 6923.
Rifkind,R.A. 1034, 1785, 2492.
Rigaud,J. 1410.
Rigby,P.W.J. 737.
Rigden,P. 3991, 4664, 5160.
Riggin,C. 143.
Riggio,R.R. 7366.
Riggs, J.L. 175.
Riggs,A.D. 811.
Riggs,C.W. 8119.
Riggs,H.G., Jr. 2195.
Riggs,J.L. 2760.
Rigoli,A.M. 6541.
Riikonen,R. 3171.
Rijnbeek, A. 270.
Riley,F.L. 2329.
Rilke,F. 1804.
Rima,B.K. 4706, 7051, 7770.
Rimaila-Parnanen,E. 2992.
Rimanoczy,I. 838.
Rimler,R. 1955.
Rimoldi,M.T. 968.
Rimon,A. 708, 812.
Rimsa,V. 2036, 3335, 4575.
Rinaldo,C.R.,Jr. 2352, 3853, 5717.
Rinderer,T.E. 3324.
Ring,J. 4142.
Ringers,J. 4452.
Ringold,G.M. 4142.
Ringwald,E. 7936.
Riottot,M.M. 1720.
Riou,Y. 4552.
Ripley,S. 4018.
Ripoll,H. 3677.
Risin,D.L. 5496.
Risos,A. 2564.
Risser,R. 882, 1040, 3116, 8136.
Risso,F. 5872, 5955.
Ristow, S.C. 234.
Ristow,H.J. 5786.
Risvegliato,M. 7274.
Rita,G. 1627, 7733.
Ritchie,A.E. 833, 1584.
Ritchie,D.A. 714.
Ritova,V.V. 1109, 1869.
Ritter,K.S. 3908.
Ritts,G.D. 588.
Ritts,R.E.,Jr. 2399.
Riuz,J. 5862.
Riva,S. 2173.
Rivano,R. 4231.
Rivenson,S. 2419.
Rivera-Correa,E. 8291.
Rives,N.W., Jr. 3595.
Riviere,Y. 215, 2342.
Rixon,F.J. 4794, 6206, 7586.
Rizzetto,M. 1828, 6440, 8016, 8019.
Roach,D.G. 4455, 6442.
Roane,P.R. 6144.
Robb,F.T. 6264.
Robb,J.A. 3538, 7008, 7009, 7036.
Robb,S.M. 6264.
Robb,T. 868.
Robberson,D.L. 7568.
Robbins,A. 4239.
Robbins,J. 7560.
Robbins,K.C. 5813, 5818.
Robbins,P.W. 6337, 6563.
Robert-Galliot,B. 2973.
Robert-Gero,M. 1762, 1795, 6574, 6576.
Robert-Gurof,M. 6424.
Robert,F. 4341.
Robert,J. 8072.
Robert,L. 4443.
Roberton, N.R.C. 388.
Roberts,C.W. 2220.
Roberts,D.H. 3684.
Roberts,D.W. 5411, 7459.
Roberts,I.M. 6854.
Roberts,J.W. 2220.
Roberts,L. 816.
Roberts,N.J.,Jr. 3092, 6533.
Roberts,R.J. 603, 620, 5530, 6191, 6204, 7791.
Roberts,R.K. 1114.
Roberts,T.M. 4165.
Roberts,W.J.C. 2382.
Robertson,I. 1808.
Robertson,B.H. 2804, 7624.
Robertson,D.H.H. 4416.
Robertson,D.L. 6350.
Robertson,J.S. 2809, 6426, 7599.
Robertson,L.A. 7050.
Robertson,M.H. 1134.

Robertson,P.W. 3723.
Robertus,L.A. 1412.
Robeson,G. 4720.
Robin,J. 3371.
Robin,Y. 1230, 1319, 1986, 3790, 3791, 3792, 8298.
Robins, R.K. 3651.
Robins,R.K. 994, 997, 2456, 5074.
Robins,T. 4136.
Robinson,A.J. 7706.
Robinson,B. 4338.
Robinson,C.C. 1006, 2463.
Robinson,H. 5298.
Robinson,H.C. 5708.
Robinson,H.L. 4353, 8079.
Robinson,I.M. 833.
Robinson,J. 4792.
Robinson,J.K. 2661.
Robinson,O.R.,Jr. 8, 3372.
Robinson,P.J. 8000.
Robinson,T.A. 4420.
Robinson,W. 7331.
Robinson,W.R. 6043.
Robinson,W.S. 6921.
Robles,G. 1878.
Roblin, R.O. 298.
Roblin,R.O. 5789.
Rocchi,G. 5685.
Roch,A.-M. 862.
Roche,J.-C. 2528.
Rochovansky,O.M. 7766.
Rochow,W.F. 2831, 7095.
Rocino,A. 7372.
Rockoff,A. 7127.
Rockoff,A.S. 2567.
Rocourt,J. 2241.
Rocsin,M. 4446.
Rodda,S.J. 5001.
Rodger,S.M. 6211.
Rodhain,J. 1802.
Rodin,I.M. 3099.
Rodionova,N.P. 7563.
Rodrigue,A. 3371.
Rodrigues,F.M. 428, 5324.
Rodrigues,M.A.L.R. 7734.
Rodriguez Burgos,A. 6678.
Rodriguez,J.C. 3062.
Rodriguez,J.L. 3341.
Rodriguez,W.J. 1860, 3228, 7272.
Roduner,J. 3143.
Roechan,M. 5378
Roeder,R.G. 7707.
Roehrig,J.T. 2195.
Roelcke,D. 8211.
Roenigk,H.H.,Jr. 5173.
Roesler,M. 1669.
Roffi,J. 4498.
Rogers,M.E. 2185.
Rogers,M.J. 4238, 5095.
Rogers,R.J. 6050.
Rogers,S.G. 165, 4177, 4178.
Rogues,G. 1225, 4477, 6068.
Rohan,P. 5739.
Rohde,B. 6716.
Rohde,W. 827, 1741, 3558.
Rohrer,J.W. 926.
Rohrmann,G. 6221.
Rohrschneider,L.R. 3674.
Roitberg,B.D. 6134.
Roith,J. 5697.
Roitman,M. 6690.
Roizman, B. 41.
Roizman,B. 624, 3441, 3495, 3496, 4116, 5453, 5454, 7717.
Rojko,J.L. 2949, 4222.
Roldan,C.M. 6549.
Rolfe,B.G. 5585.
Rollinghoff,M. 3637, 8009.
Rollins,B.J. 3115.
Rollinson,W.D. 4572.
Romagnani,S. 5223.
Romahn,A. 5189.
Romaine,P. 1410.
Roman,A. 7692.
Roman,G. 1874.
Romano,A. 1168, 5927.
Romano,C. 5999.
Romano,M. 3077.
Romano,N. 3248, 7368.
Romanov,V.L. 4995.
Romanovskaya,M.G. 3321.
Romanowska, E. 180.
Romanus,V. 7307.
Rombo,L. 6516.
Rommelaere,J. 3399.
Romney-Joseph,H. 8291.
Romo,A.I. 3895.
Ron,D. 6976.
Ronald,W.P. 1406.
Roncoroni,A.J. 2589.
Roncoroni,M. 5954.
Rondhuis,P.R. 6062.
Rondinone,S.N. 6099.
Ronen,A. 3493, 4176.
Ronge,K. 7714.
Roninson,I.B. 4663, 4650.
Ronto,Gy. 70.
Roots,L.M. 3815.
Rorke,L.B. 3169, 6185.
Rosa Brunet,M. 5949.
Rosa,M.D. 5449.
Rosamond,J. 6293.
Rosanoff,E.I. 4994.
Rosato,F. 337.
Rosato,R.R. 653, 2009.
Rosch,W. 5057.
Roschlau,G. 7389, 8256.
Rosciglione,B. 2050.
Rose,A.L. 7127.
Rose,E. 3186.
Rose,J.A. 7525.
Rose,K.-G. 1816.
Rose,R. 2701.
Rosel,G. 1878.
Rosen, L. 429, 538.
Rosen,F.S. 3624.
Rosen,J.M. 1800, 2210, 4383.
Rosen,L. 5979, 6913.
Rosenau,B.J. 1686, 2006.
Rosenberg,C. 7800.
Rosenberg,M. 5451, 5452, 5553.
Rosenberg,N.E. 5149.
Rosenberger,J.K. 5327.
Rosenkranz,E. 4577.
Rosenquist,B.D. 6478.
Rosenthal,G. 4760.
Rosenthal,J.D. 745.
Rosenthal,K.S. 3435.
Rosenthal,L.J. 5497, 5528, 6318, 7634.
Rosenthal,P.N. 1791.
Rosenvold,E.C. 1360.
Rosenwirth,B. 4701, 4799.
Rosicky,B. 3302.
Rosok,M.J. 4808, 7745.
Ross,C.A. 8299.
Ross,C.A.C. 1843.
Ross,D.G. 4203, 5550.
Ross,H.W. 6498.
Ross,J. 2493, 6162.
Ross,L.J.N. 936.
Ross,M.G.R. 8321.
Ross,P.E. 1118.
Ross,S. 4229, 7272.
Rossetti,O. 6334.
Rossi,A. 1938.
Rossi,E. 5362.
Rossi,G.B. 1627, 2980, 5138.
Rossi,M. 991.
Rossi,V. 3739.
Rossier,A. 2568.
Rossini,A.A. 2729.
Rossiter,R.B. 3620.
Rossmann,M.G. 6261.
Rostapshov, V.M. 20.
Rosteck,P.,Jr. 7560.
Rostenberg,I. 984.
Roszkowski,J. 1564, 3057, 7075.
Rosztoczy,I. 1615.
Rotem,Y. 1168.
Roth,F.K. 6652.
Rothberg,P.G. 651.
Rothblat,G.H. 3367.
Rothenbacher,H. 3329.
Rothenberg,E. 46.
Rothenbuhler,W.C. 3324.
Rother,M. 8018.
Rothfield,N. 6654.
Rothman Scott,J. 4647.
Rothman-Denes,L.B. 7666, 7667.
Rothman,J.E. 1510, 4829.
Rothman,M.E. 5025.
Rothman,R.H. 5557.
Rothschild,H. 4596.
Rothstein,M. 5221.
Rott,R. 827, 1320, 1541, 1603, 2139, 3437, 3558, 5637, 6388, 6831, 8009.
Rottcher,D. 5316.
Rotte,T. 3011.
Rottgen,W. 5308.
Rottier,P. 2810.
Rottier,P.J.M. 4148.
Rottman,F.M. 7773.
Roubikova,I. 5913.
Roufa,D.J. 2777.
Roumillat,L.F. 7530.
Rouse, B.T. 258.
Rouse,B.T. 3069, 5894.
Roussey,A. 1666.
Roussey,M. 7312.
Rouweler,M.H.C. 6140.
Roux,F. 8162.
Roux,G. 6663, 6664, 8316.
Roux,J.F. 1596.
Roux,L. 4627.
Rovensky,J. 6517.
Rovera,G. 1786, 4738.
Rovnova,Z.I. 7093, 7884.
Rowan,K.J. 3280.
Rowe, W.P 323.
Rowe,W.P. 1040, 2766, 3982, 4184, 4873, 4874, 6591, 6595.
Rowen,L. 699.
Rowlands,D.J. 631, 1372, 1440.
Rowlands,D.L. 6208.
Rowlatt,R.J. 2565.
Rowley, W.A. 427.
Rowley,D.A. 4364.
Rowley,D.B. 5230.
Rowley,W.A. 8290.
Roy-Burman,P. 1373, 7250.
Roy,A.N. 6796.
Roy,P. 6353.
Roy,R. 659.
Roychoudhury,R. 620.
Royer-Pokora,B. 3673.
Royer-Pokora,R. 3466.
Royer,H.D. 1382.
Royse,D.J. 6136.
Rozee,K.R. 1227, 4813.
Rozek,C. 4009.
Rozenblatt,S. 4146.
Rozengurt,E. 5798, 6474.
Rozhin,J. 2922.
Rozina,E.E. 5436.
Ruangjirachuporn,W. 7175.
Ruben-Barretto,M. 7646.
Ruben,F. 2302.
Ruben,R.L. 1756.
Rubenstein,M. 5837.
Rubidge,C.J. 1831.
Rubin,R.J. 229.
Rubin,R.W. 330.
Rubin,A.S. 3081.
Rubin,B.A. 5070.
Rubin,R.A. 617.
Rubin,R.H. 5242, 7920, 8272.
Rubin,R.L. 2561.
Rubinstein,M. 3564.
Rubinstein,R. 4003.
Rubinstein,S. 3564.
Rubio-Huertos,M. 3344.
Rubsamen,H. 1020, 2291, 4130.
Rucheton,M. 5408, 6238, 7617, 7752.
Ruckerbauer,G.M. 1214.
Ruddle,F. 1441, 4819.
Ruddle,F.H. 2186, 4964.
Ruddle,N.H. 1441.
Rudiger,St. 4507.
Rudnick,A. 4484.
Rudobielska,M. 1693, 3204.
Rudolph,C.F. 3433.
Rueckert,R. 1488.
Rueckert,R.R. 1421, 6333.
Ruffault,A. 5041, 7972.
Rufli,Th. 1608.
Ruger,W. 721, 6901.
Rugge,M. 5859, 6541.
Ruggeri,F. 5003.
Ruggiero,G. 5948.
Ruiter,G.G. 2621.
Ruiz Skewes,H. 4297.
Ruiz-Arguelles,A. 6038.
Ruiz-Maldonado,R. 4388.
Ruiz-Tiben,E. 8291.
Ruiz,A. 1127.
Ruiz,J. 5869.

IRL©1979

Ruiz,R. 8158.
Rukavishnikova,G.E. 925.
Rukhamina,M.L. 6110.
Rumel,N.B. 5479, 8271.
Rundall,T.G. 7945.
Rundell,K. 4743.
Rungger,D. 2879, 6981.
Runnels,J. 719.
Runnels,L.J. 6764.
Runsink,A.P. 3200.
Ruppanner,R. 1022, 8091.
Ruppol,F. 3760.
Ruppol,J.F. 3805.
Ruscetti,F. 5158.
Ruscetti,S. 1588, 4881.
Ruscetti,S.K. 6937, 8096.
Rushton,B. 494.
Rushton,R. 6742.
Russ,G. 2968, 2969, 4226, 6534, 7077, 7099.
Russel,R.J. 1573.
Russell, E.K. 86.
Russell, P.K. 538.
Russell, R.J. 205.
Russell,A.S. 3840.
Russell,M.L. 6184.
Russell,P. 6344, 6586.
Russell,P.H. 202, 2481.
Russell,P.K. 4988, 8410.
Russell,P.S. 7920, 8272.
Russell,R.J. 4955.
Russell,S.M. 854.
Russell,T.J. 6626.
Russell,W.C. 4113, 7394, 7815.
Russo,M. 2830, 2847, 3929, 5948, 6888, 7479, 8013.
Russo,V. 3821.
Rustigian,R. 6180.
Rustum,Y. 3133.
Ruta,M. 4883, 6240.
Rutherford,T. 5143.
Rutherford,T.R. 5139.
Rutili,D. 3125.
Rutledge,F. 7234.
Ruttgen,F. 544.
Ruuskanen, O. 236.
Ruuskanen,O. 3601.
Ruyechan, W.T. 41.
Ruyechan,W.T. 3495, 3496.
Ryabikova,T.F. 2995.
Ryan,F.J. 4763.
Ryba,J. 3303, 5259, 6684.
Rybalko,D.I. 3578.
Rybchin,V.N. 2222.
Rybinskaya,L.N. 7639.
Ryc,M. 5201.
Rychlik,I. 1454.
Ryd,W. 5651.
Ryder,R.W. 3789.
Rykhletskaya,N.S. 5984.
Ryland,L.M. 6736.
Ryltseva,E.V. 8416.
Rymo,L. 7587.
Ryning,F.W. 5899.
Ryo,Y. 171, 3452, 4766.
Ryser,J.-E. 8001.
Rytel,M.W. 4399, 6620, 6626.
Ryu,J.-I. 6401.
Rzesa,G. 8144.

Saad,N. 2101.
Sabatini,D.D. 4851.
Sabattini,M.S. 5340.
Sabau,M. 1921.
Sabbath,M. 5146.
Sabin,A.B. 1659, 2371, 3268.
Sablina,O.V. 1444, 1445.
Sabouraud,O. 7398.
Sabourin,D.J. 7715.
Sabova,L. 5426.
Sabran,J.K. 2199.
Sabran,J.L. 2201, 5804.
Saburi,Y. 4244.
Sacchetta,L.de A. 2707.
Sacchi,M. 3851.
Sachs,H.K. 4438.
Sachs,L. 2484.
Sack, D.A. 454.
Sack,D.A. 391, 6681.
Sacks,J.M. 7875.
Sacks,T.L. 322, 3498.
Sadakane,H. 7631.
Sadjimin,T. 7832.
Sadler,J.E. 6459.
Sadovski,A.Y. 5249.
Sadowski,P. 2554.
Sadowski,P.D. 816.
Saedi,D. 4576.
Saelim,P. 1709.
Saez-Alquezar,A. 6612.
Saez,G. 5035.
Saez,S. 3677.
Safai,B. 3149.
Saffro,R. 5902.
Safiyanova,V.M. 4486.
Sagandykov,B.B. 7332.
Sagar, S.L. 223.
Sagher,D. 4758, 6548.
Saghi,N. 7759.
Sagik,B.P. 5244.
Sagnelli, E. 412.
Sagnelli,E. 4331, 5999.
Saheki,Y. 1882.
Sahnazarov,N. 6569.
Sahu,S.K. 320.
Sahud,M.A. 3170.
Saif,L.J. 2093.
Saimot,G. 6606.
Saimot,J. 2642.
Sain,B. 1359, 3490.
Sainerova,H. 2476.
Saini,N. 6785.
Sainsbury,D. 3363.
Saint,R.B. 4648.
Sairenji,T. 1439.
Saito, H. 84.
Saito,H. 4205, 4902, 4903, 6194, 6196, 7571, 7572, 7674.
Saito,J. 3285.
Saito,M. 1208.
Saito,S. 2331.
Saito,T. 8295.
Sakaguchi, A.Y. 210.
Sakaguchi,K. 7204, 8049.
Sakai,F. 1443, 4838.
Sakai,H. 6304.
Sakaki,K. 2256, 7511.
Sakaki,Y. 7052.
Sakamoto, K. 201.
Sakamoto,M. 1110, 3788.
Sakamoto,N. 987.
Sakamoto,S. 3709.
Sakata,H. 3598.
Sakharova,Z.V. 1544.
Sakinkova,L.K. 2876.
Saksena,K.N. 2824.
Sakuma,M.E. 5243.
Sakurai,M. 3776.
Sakurai,T. 8032.
Salahuddin,S.Z. 5158.
Salajka,E. 5661.
Salas,M. 4152.
Salaun, J.-J. 5.
Salaun,J.P. 4477.
Salazar,L.F. 6151, 6152.
Salden,M.H.L. 1507.
Saleh,F. 4825.
Salenko,L.S. 5121.
Salerno,R.A. 3612, 5705.
Salganik,R.I. 614, 2876, 6197, 6311.
Saliou,P. 1140.
Salles-Gomes,L.F. 3818.
Salmi,A. 402.
Salmi,T.T. 236.
Salmi, A.A. 275.
Salmi,A. 1601, 2807, 5084.
Salmi,T. 3601.
Salo,R.J. 71, 1734, 4847, 5229.
Salomao,T.A. 5393.
Salomon,R. 1409, 2216.
Salsbury, A.J. 460.
Salstrom,J.S. 700, 3489, 4862.
Salter,B.L. 7199.
Salunen,R. 7146.
Salvador,U.J. 2454.
Salzberg,S. 4741, 4965.
Salzer,H. 1667.
Salzman, L.A. 117.
Salzman,L.A. 7609.
Salzman,N. 4102.
Salzman,N.P. 124, 735, 4100, 6317, 7702.
Samagh,B. 3955.
Samagh,B.S. 7860.
Samarut,J. 5730.
Sambamurti,B. 3616.
Sambrook,J. 1474, 4346, 5530.
Samenius,B. 1807.
Samil'chuk,E.I. 4377.
Samoilova,R.S. 7106.
Samolyk,D. 5636.
Samorek-Dziekanowska,E. 2086.
Sampliner,R.E. 5950, 6662.
Samuel,C.E. 898, 4257, 4960.
Samuel,I. 2773, 3422, 5485, 6182, 6884.
Samuel,K.P. 7746.
Samuel,R. 7964.
Samuni,A. 3492.
Sanada,M. 3926.
Sanal,O. 5031.
Sanborn,W.R. 7832.
Sanceau,J. 4123.
Sanchez-Rivas,C. 7846.
Sanchez,A. 3899.
Sanchez,D. 456.
Sanchez,M. 6536.
Sandakhchiev,L.S. 4840.
Sande,M.A. 6643, 7491.
Sander,E. 4047.
Sanderlin,R.S. 8429.
Sandermann,H.,Jr. 2853.
Sanders,C.V. 8259.
Sanders,M.F. 6162.
Sanderson,I.M. 1920.
Sanderson,K.E. 2929.
Sandford Smith,J. 5184.
Sandler,S.G. 2601, 3642.
Sandmeyer,S. 7224.
Sandomenico,M.L. 7003.
Sandquist,D. 320.
Sands,J. 4714.
Sands,J.A. 5761.
Sands,J.J. 4537.
Saneyoshi,M. 694, 762.
Sanford, E.J. 1812.
Sanford,B.A. 6882.
Sanford,E. 5311.
Sangar,D.V. 631.
Sangare, D. 439.
Sanger,F. 1361, 1362.
Sanger,H.L. 6247.
Sangkavibha,N. 3750.
Sankale,M. 2449, 3153, 8162.
Sankoff,D. 4864.
Sano,Y. 4708.
Sansebastiano,G. 7360.
Santa Rosa,G.A. 8277.
Santa,H. 5356.
Santavuori,P. 3785.
Santer,U.V. 8086.
Santharam,G. 3901, 7462, 8415.
Santiano,M. 4260.
Santo,Ya. 5893.
Santoli,D. 2427, 2450, 7163.
Santoro,M.G. 7242, 8108.
Santoro,R. 5003.
Santos,I. 3142.
Santos,M.I. 6634.
Santoso,B. 4429.
Sapelkina,L.V. 2581.
Sapienza,V. 1742.
Sapienza,V.J. 3462.
Sapnoghe,L. 7151.
Sapone, S. 416.
Saragosti,S. 7699.
Sarateanu, D.E. 439.
Sarateanu,D.E. 8305.
Sarih,L. 7748.
Sarkar,N.H. 2803, 5539, 5540, 7513, 8160.
Sarkar,P. 5523.
Sarkar,S. 2910.
Sarma,B.J. 7435.
Sarma,M.H. 6987.
Sarma,P.S. 966.
Sarmiento,M. 5462, 5463.
Sarngadharan,M.G. 149, 2858.
Sarno,E.N. 1066, 4230.
Saroso,J.S. 3240, 8287.
Sarov,I. 4909, 5716.
Saruno,R. 4639, 7045.
Saruta,E. 5944.
Sarvas,M. 2796.
Sarver,N. 3653.
Sasaba,T. 2755.
Sasada,R. 306, 7251.
Sasaki,F. 5729.
Sasaki,O. 514, 1983.
Sasaki,R. 6964.
Sasavage,N.L. 7773.
Sasinka,M. 1727.
Sassa,S. 326.
Sasso,D.R. 3056.

Sassone Corsi,P. 1355.
Sastry,K.S. 8462.
Sastry,K.S.M. 8462.
Sastry,P.A. 1364.
Satake,H. 2141.
Satake,Y. 1882.
Sather,G.E. 4428, 4914.
Sato,G. 3.
Sato,A. 8083.
Sato,C. 8106.
Sato,F. 1272.
Sato,H. 2952, 7071.
Sato,J. 7262.
Sato,K. 1257, 1868, 1970, 2149, 2948, 4247, 7960, 8028.
Sato,M. 2190.
Sato,S. 243.
Sato,T.A. 3900, 6109.
Satoda,K. 1257, 1970, 4247, 7960.
Satoh,J. 4303.
Satta,G. 1549, 1550.
Sattar,S.A. 3218, 6857, 8280.
Sauer,G. 72, 4096, 4600, 7646.
Sauer,O. 992, 7384.
Sauer,R.I. 2105.
Sauer,R.T. 4694, 6296.
Sauerbier,W. 7029.
Saunders,J.R. 3511.
Saunders,R. 3641.
Saunders,S.J. 3095.
Saunders,V.A. 2928.
Saupe,E. 2715.
Saurel,J. 7256.
Sauron,B. 6962.
Sausker,W.F. 4328.
Savas,G. 2585.
Savi,G. 4380.
Savilonis,B.J. 8309.
Savina,A.A. 5096.
Savinkova,L.K. 6311.
Savino,V. 77, 674, 1287.
Savinskaya,S.S. 8174.
Savitskaya,K.I. 1869.
Savitsky,G.I. 5276.
Savoldelli,M. 4424.
Savost'yanov,G.A. 8138.
Savrasova,N.M. 5867.
Savtsova,Z.D. 6552.
Savy,V. 2269, 4993.
Saw,D. 1057, 2518.
Sawada,H. 7938.
Sawada,T. 4989.
Sawada,Y. 5300, 6568, 7713.
Sawamura,T. 1174.
Sawanabori,S. 2512.
Sawchuk,A.M. 5316.
Sawchuk,R.J. 6632.
Sawicki, F. 274.
Sawicki,S.G. 4107.
Sawyer,C.A. 6764.
Sawyer,M.H. 5856.
Sawyer,R.C. 4132, 4183.
Saxen,L. 1089.
Saxena,S.K. 5374, 7478.
Saxena,V.B. 6501.
Saxinger,C. 4319.
Saxon,A. 5188.
Saxon,E.M. 8179.
Sayler,G.S. 4200.
Sazawa,H. 2948, 4622.
Sazonov,A.A. 4953.
Sbordone,M. 5657.
Scala,C. 2539.
Scalise,G. 2714.
Scalla,R. 1410.
Scally,M.J. 3246, 7364.
Scamans,E. 4726.
Scandella,C.J. 1757.
Scanlon,M. 4381.
Scarpino,P.V. 5227.
Schaad,U. 2572.
Schaadt,M. 579, 6871, 8064.
Schaafsma, T.J. 66.
Schaafsma,T.J. 4709.
Schaap,G.J.P. 3200.
Schaberg,A. 8137.
Schabinski,G. 6691.
Schable,C.A. 2954, 3532.
Schaefer,H.E. 5936.
Schaefer,J.W. 7335.
Schaeffer,A. 5345.
Schaeufele,J. 3494.
Schafer,A.I. 7142.
Schafer,D.E. 7677.
Schafer,M.P. 6221.
Schafer,R. 662, 2141, 2174, 4605, 4846.
Schafer,W. 796, 1396, 2367, 4703, 5045, 6588.
Schaff,Z. 5105.
Schaffer,F.L. 142, 6210.
Schaffer,H.G. 2580.
Schaffer,P.A. 823, 1480.
Schaffhausen,B. 2284.
Schaffner,F. 8246.
Schaknabatian,L.G. 2112.
Schale,W. 5320, 5321.
Schaller,C.W. 3334.
Schaller,H. 2776, 4635, 4895.
Schaller,J.P. 1712, 2949, 4222, 7998.
Schalm,O.W. 6509.
Schaltenbrand,G. 6097.
Schaper,D. 2236.
Schardt,F. 5682.
Scharfen,E. 5318.
Scharnhorst,D.W. 4007.
Scharyj,M. 8273.
Schat,K.A. 2960, 3054, 5036, 5797, 8068.
Schaub,E. 7950.
Schauer,P. 5417.
Schauf,V. 1879.
Schcheglova,M.V. 4122.
Scheefers,H. 4721.
Scheele,R.B. 4160.
Scheffen Pouget,M M. 6877.
Scheffner,D. 2551.
Scheibel,J. 1934.
Scheid,A. 6938.
Scheiermann,N. 6001, 6713, 8024.
Schell,J. 1557.
Schellekens,H. 7919.
Schellekens, H. 5654.
Schelling,P. 5783.
Schellman,J.A. 30, 32.
Schendel,P.L. 7745.
Schenk,K.D. 1671.
Schenowitz,G. 3775.
Scher,B.M. 604.
Scher,C.D. 3661.
Scherba,G. 5029, 5482.
Scherer,W.F. 536, 538.
Scherer,G. 22.
Scherer,W.F. 5468.
Scherneck,S. 2183, 7583, 7584.
Scherrer, K. 311.
Scherrer,R. 2945, 4552.
Scheuer,P.J. 1115.
Schichman,S. 3416.
Schick,J. 6325.
Schidlovsky,G. 797, 3368.
Schieble,J. 1151.
Schieferstein,G. 2554.
Schierman,L.W. 7958.
Schiff,B.E. 3011.
Schiff,G.M. 954, 1088, 3011, 5345.
Schiff,R.D. 59, 145.
Schild,G.C. 1150, 1379, 1591, 3093, 4279, 4946, 6486, 6497, 7078, 7130, 7186.
Schildkraut,C.L. 325.
Schiller,R.M. 1005.
Schilling,R. 4790.
Schilling,W. 7324, 8249.
Schilt,U. 2572, 3830, 4917.
Schimke,R.T. 4775.
Schimmelpfennig,W. 7389, 8256.
Schimpff,S.C. 3842.
Schinazi,R.F. 5073.
Schindler,J. 6237.
Schiop-Stansly,P. 4878.
Schipper, I.A. 489.
Schipper,I.A. 7955.
Schiraldi,O. 1161, 1883, 1885, 2644, 7082.
Schirren,C. 3844.
Schirrmacher,V. 8000.
Schlafi,E. 2292.
Schlegel,D.E. 2058.
Schlegel,H.G. 7626.
Schlehofer,J.R. 6285.
Schlesinger,M.J. 1424, 2193, 5467.
Schlesinger,R.W. 2094.
Schlesinger,S. 586, 2194, 3997, 7012.
Schlessinger,D. 3114.
Schleupner,C.J. 953, 5910, 5911.
Schlicht,M. 710.
Schlo,J. 3119.
Schlom, J. 60.
Schlom,J. 1395, 1796, 2500, 2501, 3368, 7247, 7253, 8131.
Schlotterer,E. 3082.
Schluederberg,A. 5040.
Schlumberger,J.F. 7917.
Schluter,B. 2486.
Schmer,G. 8407.
Schmid,D.O. 2289.
Schmid,M. 8253, 2604.
Schmidt-Ruppin,K.H. 6781.
Schmidt-Ullrich,R. 5790, 7697.
Schmidt,A. 2974.
Schmidt,B. 1905.
Schmidt,C.A. 7199.
Schmidt,F.-W. 5119.
Schmidt,F.J. 723.
Schmidt,H. 5058.
Schmidt,J. 2441.
Schmidt,K.G. 3166.
Schmidt,M.F.G. 2475, 3473, 5467.
Schmidt,M.M. 7314.
Schmidt,N.J. 2290, 2760, 2942.
Schmidt,R. 3712.
Schmidt,R.L. 2142.
Schmidt,R.R. 6671.
Schmidt,U. 2250, 2470.
Schmidt,W.A.K. 3315, 5605.
Schmieger,H. 2247, 6366, 6404, 7801.
Schmitt,C. 2527.
Schmitt,H. 8104, 8105.
Schmitt,H.P. 2551.
Schmitz,H. 5601, 6413, 8211, 8326.
Schmitz,J. 6082.
Schnagl, R.D. 518.
Schnagl,R.D. 852.
Schneck,P.K. 6302.
Schneider,D. 662, 2141.
Schneider,G.T. 8143, 8274.
Schneider,H. 992.
Schneider,J. 2487, 4021, 4703.
Schneider,L.G. 7883, 919, 7944.
Schneider,R. 1777.
Schneider,S. 7808.
Schneider,W. 4276.
Schnell,Ph. 6661.
Schnipper,L.E. 4305, 7382.
Schnitzer,T.J. 3487, 3670, 4051, 7034.
Schnitzler,L. 1101.
Schobries,H.D. 2250.
Schochetman,G. 1803.
Schoenaers,F. 1700, 1996, 1998, 2145, 3855, 4360, 6054, 6870, 7975, 8344.
Schoenbaum,S.C. 7947.
Schoenmakers,J.G.G. 99, 1456, 2133, 2778, 2872, 6190.
Schoffend,L. 5414.
Scholes,J. 3952.
Scholl,R. 6488.
Scholtissek,C. 827, 1511, 1541, 2130, 2231, 3437, 3558, 4191, 4752, 6360, 6388.
Schonbeck, F. 554.
Schonbeck,F. 6825.
Schonberger,L.B. 6485.
Schooley,R.T. 6514.
Schoop,U. 1974, 5322.
Schopf,E. 3618.
Schopfer,K. 1138.
Schoss,P. 3310.
Schotman,C.Y.L. 2056.
Schott,H. 103.
Schottel,J. 3446.
Schowalter,D.B. 1989.
Schrag,M.P. 7336.
Schreeder,M.T. 8320.
Schreiber,C. 4721.
Schreiber,H. 4364.
Schreier,M.H. 7172.
Schreier,P.H. 23, 6894.
Schreiner,R.L. 6670.
Schroder,C.H. 576, 4668, 5498, 6912.
Schroder,E.W. 2983.

IRL©1975

Schroder,H. 6718.
Schroder,R.F. 8419.
Schroeder,C. 1465.
Schroeder,H.-P. 6209.
Schroer,H.P. 3950, 3996.
Schroter,G. 5293.
Schubert,B. 1101.
Schubert,E. 992.
Schubert,M. 780.
Schubert,W. 2404.
Schudel,A.A. 5310.
Schuler,D. 3066.
Schulkind,M.L. 6484.
Schuller,E. 1945.
Schulman,J.L. 1542, 2631, 6389.
Schult,A.M. 6349.
Schulte-Nordholt,J.A. 938.
Schulte Overberg,S. 8095.
Schultz, R.D. 251.
Schultz,A.M. 2801, 5538.
Schultz,D. 4867.
Schultz,D.W. 4866.
Schultz,E.F.,Jr. 3880.
Schultz,L.D. 7246.
Schultz,R.M. 7914.
Schultz,R.O. 1936.
Schultz,W.W. 864.
Schulz,J.-A. 5488.
Schulz,K.F. 4282.
Schulz,S. 3315.
Schulze,G. 1340.
Schulze,I.T. 586, 3438.
Schulze,K. 6051.
Schumacher,H. 6251.
Schumacher,H.R. 7168.
Schumacher,H. H. 4433.
Schumacher,H.H. 3763.
Schumacher,H.R. 4400, 5889.
Schumacher,K. 6513.
Schumann,G.L. 5360.
Schumann,W. 4168, 7802.
Schumm,J.W. 3390.
Schumperli,D. 628, 2862.
Schur, P.H. 233.
Schuster,G. 4056, 4149, 4725, 5080, 8038.
Schuster,H. 710, 7848.
Schuster,T.M. 4160, 4161, 7789.
Schutt,C.E. 2132.
Schuur,K.H. 1060.
Schuurs,A. 6436.
Schwab,F. 2552.
Schwartz,A.R. 3591.
Schwartz,H.C. 7331.
Schwartz,I.S. 3214.
Schwartz,J. 5445.
Schwartz,K.J. 7409.
Schwartz,L.W. 5712.
Schwartz,M. 3434, 4055.
Schwartz,R.S. 1031.
Schwartz,S.A. 3671, 7756.
Schwartzman,J.D. 3387.
Schwarz,E. 3972.
Schwarz,H. 1396, 2367, 4021, 5045.
Schwarz,R. 4752.
Schwarz,R.I. 4358.
Schwarz,R.T. 2475, 3473, 6360, 7623, 7738.
Schweid,A. 6609.
Schweiger,H. G. 4110.
Schweiger,H.G. 754, 2910, 6831.
Schweiger,M. 2177, 4764.
Schweitzer,R. 2653.
Schwellnus,K. 6547.
Schwendemann,G. 8414.
Schwenteck,M. 3618.
Schwinghamer,E.A. 4195.
Schwinn,F.J. 6823.
Schwitzer,G.A. 8241.
Schwochow,G. 6691.
Sciborowicz,Z. 2639.
Scodeller,E.A. 55.
Scoleri,G. 3838.
Scolnick,E. 1588.
Scolnick,E.M. 151, 4363, 4881, 5154, 6215, 6217, 6915, 6917, 6937, 7758, 8096, 8124, 8132.
Scott,D.H. 558.
Scott,F.M.M. 497.
Scott,F.W. 248.
Scott,J.R. 169.
Scott,A. 6157.
Scott,A.C. 2687.
Scott,B. 7391.
Scott,C. 6654.
Scott,D.W. 8424.
Scott,E.G. 4595.
Scott,F. 8366.
Scott,F.W. 4630, 5305.
Scott,G.E. 4577.
Scott,G.R.B. 5861.
Scott,H.A. 7499, 7642.
Scott,J.F. 101, 102.
Scott,J.L. 3778.
Scott,J.M. 7156.
Scott,J.R. 7805.
Scott,J.V. 7855.
Scott,M. 3526.
Scott,M.T. 1241.
Scott,P.E. 8088.
Scott,R. 3010, 3526.
Scott,R.McN. 3194.
Scott,S. 1267.
Scott,S.K. 1644, 4559.
Scott,W.A. 2121.
Scotti,P.D. 3376.
Scotto,J.M. 6962.
Scovel,F. 1179.
Scragg,J.N. 1831.
Scriba, M. 221.
Scriba,M. 5328.
Scrimini,C. 1589.
Scudeller,G. 3825.
Scudiero, D. 174.
Sculard,G.H. 1726.
Scullard,G.H. 4330, 7191.
Sdirkova,N.I. 6093.
Seagroatt,V. 6486, 6497.
Seale,D.L. 6643.
Seaman,E. 724.
Sears,E.S. 1177.
Sedgwick,S.G. 2244.
Sedlacek,J. 1454.
Sedlacek,V. 2603.
Sedmak,G.V. 2398.
Sedmak,J.J. 2327.
Sedrati,A. 4538.
Seed,T.M. 5837.
Seeff,L.B. 2996, 6789.
Seehafer,J. 5084, 6556.
Seely,J. 6133.
Seeman,J. 7296.
Sefton,B. 3630.
Sefton,B.M. 1501, 2859, 5470, 5533, 5534.
Segal,R.J. 3738.
Segal,S. 4976, 7700.
Segall,J. 7707.
Seganti,L. 8030.
Segawa,K. 1008, 2466.
Segawa,T. 2178.
Seger,C.L. 6771.
Seghal,P.B. 5647.
Segoloni,G. 1163.
Segui,J. 8207.
Sehgal,O.P. 1304, 5491, 8436.
Sehgal,P. 7952.
Sehgal,P.B. 1616, 3566, 4783, 7705.
Seidel,H.-J. 3691.
Seidel,H.J. 8110.
Seidel,M.V. 4308.
Seidel,W. 2793, 4250.
Seidl,S. 195, 1575.
Seidler,J.M. 3683.
Seidler,M.J. 5308.
Seidlitz,G. 4449.
Seidman,J.G. 1461, 2205.
Seidman,M. 6160.
Seidman,M.M. 124, 1472, 6317.
Seidman,S. 7709.
Seif,I. 3978, 7581.
Seif,R. 2462.
Seigneurin,J. M. 7261.
Seigneurin,J.M. 5035.
Seimiya,Y. 8362.
Seits,I.F. 767.
Seits,J.F. 8138.
Seitz,J.F. 4129.
Sejourne,P. 7851.
Sekellick,M.J. 5650.
Sekeyova,M. 1221, 1234, 6077, 6141, 7428.
Sekiguchi,M. 725, 726, 1530, 3491, 4065, 4868.
Sekikawa,K. 198, 5300.
Sekine,N. 7107.
Sekizawa,T. 7816.
Sela,I. 287.
Sela,M. 3051.
Seledtsov,I.I. 2052.
Selenskij,W.P. 1766, 2473.
Seletskaya,T. 7058.
Selezneva,A.Yu. 3957.
Selezneva,V.P. 8174.
Selimov,M.A. 571, 3587, 4704, 6777.
Selimova,L.M. 571, 3474, 4704.
Selinavov,N.A. 1436.
Selivanov,Ya.M. 5984.
Seljahudin,A. 8454.
Sell,K.W. 3071.
Selleger,C. 7301.
Sellers, C. 430.
Sellers,R.F. 509.
Selman,I.E. 1209, 1747, 1963, 5312.
Selna,M.W. 8270.
Selzer,G.B. 4088.
Semal,J. 645.
Semancik,J.S. 1281, 1407, 2789, 6728, 7467.
Semar,M. 7085.
Semenikhina,T.K. 1548.
Semenov,B.F. 5018.
Semenova,N.P. 2099, 2732, 6918.
Semkow,R. 6780, 7141.
Semler,B.L. 636, 4885, 7598.
Semproni,G. 1723.
Semyonova,N.P. 781.
Sen,A. 733, 2913, 4879, 6218.
Sen,G.C. 209, 1629, 5540.
Senaneuch,C. 5865.
Sendo,F. 4371.
Senecal,J. 1666, 7312.
Sengar,D.P. 3639.
Sengar,D.P.S. 2611.
Senger,D.R. 6555.
Sengupta,S. 2903.
Senik,A. 6479, 7023.
Senterfit,L.B. 7366.
Sentsui,H. 2075.
Sepulveda,A. 2110.
Serafini,N. 3205.
Serafinowski,P. 1000.
Seranne,C. 5241.
Serebryany, S.B. 49, 64, 65.
Serebryanyj,S.B. 3413.
Sereni,P. 7982.
Sergeant,A. 3458, 4666.
Sergeeva,N.A. 6000.
Sergiescu,D. 7121.
Sergovich,F.R. 8100.
Seridhoranakul,S. 3194.
Serkedzhieva,Y.P. 4975.
Serov,V.V. 7329.
Serwer,P. 1415, 7577.
Sery,T.W. 4542.
Seshadri,S.J. 484.
Sesterhenn,K. 1816.
Seth,P. 3711, 4981.
Seth,V. 907.
Sethi,S.K. 4740.
Sethi,V.S. 761.
Seto,D.S.Y. 7330, 2363.
Seto,Y. 7320.
Sette,H.,Jr. 6612.
Settnes,O.P. 2941.
Setty,B.A.S. 8437.
Sevel,D. 5928.
Sever,J.L. 2947, 3108, 4905, 6689, 6785, 7079.
Severi,B. 7786.
Severini,M. 3125.
Sevikov,I. 6453.
Sevoian,M. 7988.
Sexton,D.J. 5964.
Seyal,M. 2587.
Seymour,N.R. 6647.
Sgalise,G. 6659.
Shabalin,V.V. 7332.
Shabalina,A.T. 2477.
Shaban,S.S. 5714.
Shabarova,Z.A. 7563.
Shablovskaya,E.A. 1736.
Shadoff,N. 7446.
Shadrin,A.S. 8271.
Shaffer,J. 7670.
Shaffer,P.T.B. 1890.
Shafi,M.S. 5609.

Shah, K.V. 257.
Shah,K.V. 873, 4600, 6200, 7208.
Shaikh,B.H. 428, 4619.
Shaikh,R. 1763, 4879.
Shaila,M.S. 7027.
Shaila,S. 1629.
Shainyan,B.A. 8023.
Shakhgildyan,I.V. 6000, 8174.
Shalaby Abo-Ahmed,H. 1902.
Shalhoub,R.J. 6650.
Shalitin,C. 8430.
Shalla,T.A. 3915.
Shalunova,N.V. 4049.
Shammas,H.F. 3264.
Shander,M. 7967.
Shangina,D.A. 4264.
Shank,P.R. 146, 2202, 4141, 4142, 4819.
Shanley,J.D. 4277, 8400.
Shanmugam,G. 2207.
Shanmugam,J. 4503.
Shannon,L.J. 7336.
Shannon,W.A., Jr. 3446.
Shanta,P. 7878.
Shaool,D. 6983, 8044.
Shapira,A. 1365.
Shapiro,I.M. 580.
Shapiro,J.A. 5520.
Shapiro,J.M. 8246.
Shapiro,N.I. 3378, 6163.
Shapiro,S.A. 2435.
Shapley,A.J. 3427.
Shaposhnikov,Ya.D. 7223.
Shapovalova,S.P. 7198.
Sharafi,Y. 7876, 7877.
Shargorodskaya,V.A. 1893.
Sharkey,F.E. 5086.
Sharma, R.N. 533.
Sharma,D.L.B. 1912, 3827.
Sharma,G. 5348, 6106.
Sharma,J.M. 956, 5696.
Sharma,V.K. 6947, 7537.
Sharp,D.G. 2657.
Sharp,J.C. 5194.
Sharp,J.M. 494, 4629.
Sharp,P.A. 46, 2886, 4109, 6327, 7004.
Sharpe,A.H. 633.
Sharpless,T.K. 5825.
Sharrar,R.G. 6490.
Sharrow,S.O. 6593, 8099.
Sharvashidze,D.I. 3414.
Shasaitov,Sh.Sh. 1865.
Shashkina,N.I. 1412.
Shastina,G.V. 1079.
Shastri,J.C.M. 8264.
Shatkin,A.J. 757, 1489, 2893, 6155, 6994.
Shatokhina,E.S. 2025.
Shatsky,S.A. 6627.
Shattuck,D.M. 6358.
Shavrina Asher,L.V. 1244, 7816.
Shaw,A.E. 6430.
Shaw,A.R. 2775, 6279, 7837.
Shaw,C.H. 4113.
Shaw,I.G. 8354.
Shaw,J.E. 3668, 7797.
Shaw,J.M. 666, 671.
Shaw,M.G. 7419.
Shaw,S. 5740, 7184, 8005.
Shawkat,A.L.B. 7481.
Shayegani,M. 2920.
Shchastny,E.I. 5984.
Shcheglovitova,O.N. 2988.
Shcherbakov,S.V. 857.
Shcherbakov,V.P. 5567.
Shcherbukhin,V.V. 1436.
Shchukina,O.B. 5945.
Sheahan,B.J. 3860.
Shearing,S. 6655.
Sheehan,T.J. 5384.
Sheen,S.J. 4579, 8441.
Sheffield,F. 6483.
Sheffield,J.B. 1342.
Sheiness,D. 825, 7749, 7821.
Shekarchi,I. 2947, 4905, 7079.
Shekhaeva,O.M. 6649.
Shekhtman,A.B. 1240.
Shelburne,J. 3621.
Sheldon,R. 816.
Sheldrick,P. 6911.
Shelley,W.B. 1166.
Shelokov,A. 6882.
Shelton,E.R. 3394.
Shelton,J.D. 4282.
Shelton,S. 1898.
Shelukhina,E.M. 2001.
Shelukhina, E.M. 503.
Shemyakin,M.F. 6305.
Shen,C.-K.J. 3971.
Shen,D.T. 4539.
Shenigson,B.S. 7352.
Shenk,T. 122, 6384.
Shenvi,P. 868.
Shepard,T.H. 8235.
Shepherd, R.C.H. 504.
Shepherd,R.C.H. 1220, 3867.
Shepherd,R.E. 1029.
Shepherd,R.J. 2851, 3918, 4047.
Shepherd,R.W. 6775, 8359.
Sheremata,W. 2672.
Sherlock,S. 1175, 1176, 4395, 6544.
Sherman,D.M. 5303.
Sherman,J. 6048.
Sherr,C.J. 860, 1045, 2211, 6218.
Sherwin,S.A. 5840.
Shestacov,S.V. 1527.
Shestakov,S.V. 2025.
Shestakov,V.V. 5926.
Shestopalova,N.M. 7448.
Sheth,K.J. 2398.
Shevchenko,R.A. 4985.
Shevchuk,M. 6269.
Shevlyagin,V.Ya. 8147.
Shibata,R. 8236.
Shibata,T. 4902, 4903, 5448, 7047, 7566.
Shibley,G.P. 8, 797, 3372.
Shibukawa,N. 5645.
Shibuta,H. 2019.
Shichijo,A. 5314.
Shida,N. 1882.
Shieh,S.-H. 3960.
Shields,A. 5535.
Shields,H.M. 2612.
Shiflett,M.A. 4028.
Shiftan,T.A. 6602.
Shigina,O.M. 2581.
Shigo,A.L. 7229.
Shih,C.T. 1488, 6333.
Shih,D.S. 1488, 6333.
Shih,J.W.K. 866.
Shih,T.Y. 6217, 8124, 8132.
Shikata,E. 2836, 2843.
Shikata,T. 889, 2640.
Shimada,H. 2019.
Shimatake,H. 5553.
Shimizu, M. 345.
Shimizu, Y. 345.
Shimizu,F. 4303.
Shimizu,K. 654, 981, 1232, 4065.
Shimizu,M. 3320, 5737, 6194, 6196, 6531, 7961.
Shimizu,T. 638.
Shimizu,Y. 1245, 1246, 1997, 3320, 5341, 5737, 6531, 7953, 7961.
Shimizu,Y.K. 3529.
Shimo-oku,M. 8233.
Shimojo,H. 198, 1008, 1768, 6568, 6989.
Shimokata,K. 895, 6111, 6460.
Shimomura,T. 6289.
Shimotohno,K. 6246.
Shin, S. 477.
Shin,H.-K. 3243.
Shinagawa,M. 1232, 6203.
Shindel,N.M. 5305.
Shinkai,T. 673.
Shinmyo,A. 113.
Shinohara,K. 21.
Shinomiya,S. 7052.
Shinosky,E.S. 4177.
Shinozaki,K. 727.
Shioiri-Nakano,K. 6862.
Shiomi,T. 7097.
Shipp,L. 5315.
Shirachi,R. 2300, 8266.
Shiragami,M. 3976.
Shirahata,S. 21.
Shirai,T. 7235.
Shiraishi,H. 2300.
Shire,S.J. 4161, 7789.
Shirman,G.A. 6271.
Shirobokov,V.P. 293.
Shirodaria,P.V. 11, 8341.
Shirodkar,M.V.N. 5505.
Shiroki,K. 198, 1008, 6568.
Shishido,A. 3598, 3900, 6109, 7071.
Shishkin,G.V. 614, 6197.
Shishov,A.S. 958.
Shiu,R.P.C. 5809.
Shivarova,N.I. 6393.
Shivashankar,G. 8437.
Shively,J.N. 2482.
Shkarenkova,L.V. 1730.
Shkolnik, R.Ya. 222.
Shkolnik,R.Ya. 910.
Shlian,D.M. 6687.
Shlygina,K.N. 8188.
Shmatchenko,V.V. 618.
Shmel'kova,V.I. 5504.
Shmelkov,Yu.A. 7129.
Shneidman,D.W. 5898.
Shobukhov,V.M. 7755.
Shochat,J. 2566.
Shock,T.L. 1301.
Shoemaker,N.B. 3510.
Shoham,D. 6690.
Shohami,E. 3658.
Shoji, K.T. 235.
Shonberg,I.L. 1806.
Shoor,R. 4741.
Shopaev,A.Sh. 4985.
Shope,R.E. 963, 1182, 4490, 6451.
Shore,B. 2526.
Short,M.N. 6245, 7625.
Shortridge,K.F. 2712, 6078, 3545, 3877, 5309, 6761, 7885, 7913.
Shoshiev,L.N. 6945.
Shouval,D. 2601.
Showe, M.K. 156.
Showe,M.K. 2912.
Shoyab,M. 733.
Shreffler,D. 3630.
Shreiner,D.P. 5286.
Shrestha,M.B. 7831.
Shrivastava,R.K. 4633.
Shternshis,M.V. 7465.
Shub,D.A. 6406.
Shubin,F.N. 3300.
Shubladze,A.K. 4561, 5747, 7090, 8393.
Shugar,D. 1740.
Shukla, V.K.S. 458.
Shukla,K. 1733.
Shukla,P. 557.
Shulman,L. 2974.
Shulman,S.T. 7391.
Shumkina,O.B. 4724, 4951.
Shuratov,I.Kh. 4302.
Shure,H. 4146, 4779.
Shurin,S.B. 8215.
Shurkovich,S.V. 7930.
Shuster,M.A. 1869, 3162.
Shusterman,N.H. 1085.
Shuto,Y. 5763.
Shuttleworth,D. 472.
Shuval,H.I. 5249, 5960.
Shuvalova,I.A. 2726.
Shvartsman,Ya.S. 4322, 5051.
Shvedova,A.I. 2669.
Shvidenko,I.G. 1547.
Shwer,M. 4451.
Siak,J.-S. 6677.
Siakotos,A.N. 6727.
Siamsipa,F. 4437.
Sibalin,M. 2819.
Siber,G. 8204.
Siber,G.R. 1577.
Sibold,L. 1455.
Siddiqui,A. 2236, 6921, 7222.
Siden,E.J. 5149.
Sidor,C. 2023.
Sidorenko,G.I. 3221.
Sidorova,G.A. 7493.
Sidorova,L.A. 6493.
Sidorova,N.S. 5885, 6623.
Sidwell,R.W. 994, 997, 3651.
Siebenlist,U. 5525, 7687.
Sieber,O.F. 947.
Siebke,J.-C. 6435.
Sieg,K. 5937.
Siegel,A. 4009.
Siegel,B.A. 7397.
Siegel,C.D. 6491.
Siegel,D. 5972.
Siegele,D.A. 3484, 4151.
Siegenbeek van Heukelom,L.H.

IRL©1975

8313.
Siegert,R. 8238.
Siegl,G. 6699.
Siem,R.A. 2399.
Siem,T.H. 1827, 2279.
Sierens,G. 7151.
Sifferman,R.L. 1990.
Signas,C. 4697.
Sihvonen,L. 496.
Sikorowski,P.P. 2739.
Sikorski,G.W. 691.
Silagi,S. 7234.
Silberberg,D.H. 3274.
Silbert,J.A. 1157.
Silbert,M.V. 7932.
Silhavy,T.J. 4055.
Siliya,M. 4437.
Sillerud,L.O. 7677.
Silnutzer,J. 7022.
Silva,B. 1557.
Silva,J. 6608.
Silver,J. 2284.
Silver,M. 7818.
Silver,S. 3446, 4119, 4671, 4795.
Silverman,D.J. 792.
Silverman,L. 3121.
Silverman,M. 4206, 5823.
Silverstein,S. 687, 5563.
Sim,G.K. 5563.
Simanovskaya,V.K. 5434.
Simao,E. 7836.
Simard,R. 4614.
Simeonov,Iv. 1975.
Simeonov,S. 5847.
Simizu,B. 2895, 3963, 4749.
Simko,M. 342.
Simkova,A. 7337.
Simkovic,D. 3134, 4355, 5110.
Simkovich,J.W. 6636.
Simkovicova,M. 7077.
Simmons,C.S. 2924.
Simmons,D.T. 4340.
Simmons,P.D. 7373.
Simmons,R.L. 5892, 8139, 8212, 8331.
Simmons,R.R. 4856.
Simms,E.S. 4318.
Simon-Lavoine,N. 2015.
Simon,E.H. 1536.
Simon,G. 3551.
Simon,H.J. 4592.
Simon,L.D. 4742, 5587.
Simon,L.N. 8029.
Simon,M. 4206.
Simon,P. 3212, 8261.
Simonetti,J.P. 4949.
Simons,G. 2872.
Simons,K. 2796, 5545.
Simons,R.L. 901.
Simonsen,C. 7760.
Simonsen,C.C. 7011, 7763.
Simpson,D. 160.
Simpson,D.I.H. 2012, 3419, 3570, 3759, 3765, 3801, 3802, 3803, 3810, 4037, 4942, 5174, 6102.
Simpson,E. 4304.
Simpson,H. 5176.
Simpson,R.W. 6357, 6386.
Simpson,V.R. 6066.
Sims,D.G. 2594.
Sims,H.F. 6988.
Simson,I.W. 1061.
Sinaiko,G.A. 4724, 6000.
Sinclair Smith,C.C. 1871.
Sinclair,J.C. 447, 3252.
Sinclair,M.I. 4892.
Singeisen,M. 3211.
Singer,H. 7126.
Singer,M. 5451, 5452.
Singer,S.J. 3854.
Singfield,B. 7657.
Singh,A.K. 675.
Singh,B. 1735, 2410.
Singh,B.D. 3944.
Singh,B.P. 6855.
Singh,B.R. 7476.
Singh,B.V. 5367, 6123.
Singh,G. 2941, 5375.
Singh,H.C. 7476.
Singh,I.P. 1352.
Singh,K.V. 2101, 6786.
Singh,M. 3682.
Singh,M.N. 3106.
Singh,P.B. 5324.
Singh,P.K. 1430, 2817, 6117.
Singh,R. 675, 1426, 5369.
Singh,R.A. 3106.
Singh,R.B. 1426, 3944.
Singh,R.M. 3944.
Singh,R.N. 8451.
Singh,R.P. 5457, 7645, 7867.
Singh,S. 1289.
Singh,S.J. 8462.
Singh,S.P. 6942.
Singh,U.K. 426.
Singh,V. 7386.
Singh,V.N. 3682.
Singh,V.P. 1207, 3944.
Singleton,C.K. 4679.
Singleton,P. 3363.
Sinha,K.C. 2416.
Sinha,N.K. 7680.
Sinha,S.K. 8237.
Siniakov,M.S. 2303.
Sinibaldi,L. 8030.
Sinitsyna,M.A. 5885.
Sinkovics,J.G. 5852.
Sinnecker,H. 917, 2630.
Sinnecker,R. 917.
Sinta 7832.
Sirianni,M.C. 3622.
Sirol,J. 5953.
Sironi,G. 5592.
Sirotkin,K. 719.
Sisman,J. 6256.
Sissons,J.G.P. 3186.
Sito,A.F. 8174.
Sittig,M. 6554.
Sittiyos,P. 1304, 8436.
Sivak,A. 5772.
Sivak,S. 7143.
Sivenas,C. 1167.
Sivok,B. 8433.
Six,H.R. 2271, 7892.
Sizova,S.T. 5567.
Sjoberg,B.-M. 2875, 4091.
Sjoberg,L. 4891.
Sjoblom,R. 7868.
Skadinsh,E.A. 7352.
Skalka,A. 7218.
Skapriwsky,P. 1577.
Skarlat,I.V. 4748.
Skartvedt,S.M. 2690.
Skatulla,U. 6793.
Skavronskaya,A.G. 846.
Skeeles,J.K. 7991, 7992.
Skehel,J.J. 885, 3408, 3410, 3499, 3554, 7013.
Skelly,J. 1592.
Skilling,D.E. 1584.
Skinhoj,P. 867, 2646, 4332.
Skinner, G.R.B. 373.
Skinner,G.R.B. 5009.
Skinner,H.H. 6072, 7450.
Sklaroff,D.M. 1801.
Skljanskaja,E.I. 4953.
Sklyadneva,V.B. 26.
Sklyanskaya,E.I. 5407.
Skoda,R. 4265.
Skofertsa,P.G. 1145.
Skorikova,A.S. 2987.
Skorko,R. 1453.
Skre,H. 3893.
Skripchenko,G.S. 2295.
Skryabin,K.G. 615.
Skulmowska-Kryszkowska,D. 4519.
Skultetyova,A. 1221.
Skuratovskaya,I.N. 6220.
Skuratovskii,I.Y. 609.
Skurkovich,S.V. 2987, 4251, 4979, 7106.
Skusek,F. 7232.
Skvortsova,M.M. 1412.
Skvortsova,T.M. 7493.
Slacikova,M. 7143.
Slack,R.C.B. 391.
Slack,S.A. 3537.
Slade,J.D. 3246.
Slade,J.S. 6011, 6013.
Slaght,S.S. 4912.
Slama,J.L. 8258.
Slate,D.L. 4964.
Slater,I. 7906.
Slattery,E. 1629, 1637, 7101.
Slaughter,L. 3381.
Sleigh,M.J. 4684.
Slemons,R.D. 2014.
Slenczka,W. 3373, 3521.
Slepushkin,A.N. 5984.
Sliopushkina,V.G. 6110.
Sliski,A. 860.
Sliski,A.H. 6583.
Sliwinska-Przyjemska,H. 2445.
Slocombe,P.M. 1361, 1362.
Slocum,D.R. 3693.
Slome,J. 3144.
Slonim,D. 1656.
Slosarek,M. 840.
Slowinska,R. 7323.
Slugen,I. 1727.
Slusarczyk,J. 4952.
Slutsky,A.M. 814, 2223.
Sly,D.L. 2728, 7037, 7455.
Sly,W.S. 586.
Smagulov,K.Z. 7361.
Smales,W.P. 8045.
Small,J.V. 7989.
Small,P.A.,Jr. 972.
Smallwood,R. 409.
Smart,J.E. 4696.
Smekal,M. 2603.
Smekalov,V.P. 1865.
Smethurst,M. 5579.
Smida,J. 5426, 5807, 7220.
Smida,Ju. 5504.
Smidova,V. 5426, 5807, 7220.
Smiley,J.R. 744, 2186.
Smirnoff,W.A. 659.
Smirnov,O.V. 7352.
Smirnov,V.D. 7563.
Smirnov,V.V. 2581.
Smirnov,Yu.K. 958.
Smirnova,G.A. 7129.
Smirnova,I.A. 1037.
Smirnova,N.R. 3430, 7755.
Smirnova,R.S. 2820.
Smirnova,T.A. 1414, 3504.
Smith,A. 283.
Smith,A.J.H. 1362.
Smith,I.M. 511.
Smith,J.W. 259.
Smith,K.A. 334.
Smith,P. 7018.
Smith,V.W. 481.
Smith,A.E. 732, 875, 878, 1473, 6449, 7013.
Smith,A.J. 2401, 8278.
Smith,A.L. 4594.
Smith,A.W. 1584, 3296.
Smith,B. 3755.
Smith,B.A. 7783.
Smith,B.P. 2781, 7412.
Smith,C.E.G. 5976.
Smith,C.I.E. 1078.
Smith,C.S. 1096.
Smith,D. 7331.
Smith,D.B. 5357.
Smith,D.G. 6707.
Smith,D.H. 3759, 3801, 3802, 3803, 3813, 6406.
Smith,D.R. 786.
Smith,E. 7857.
Smith,E.J. 5799, 8079.
Smith,E.M. 6252, 7521.
Smith,E.W.P. 5964.
Smith,G.C. 883, 6856.
Smith,G.E. 639, 4025, 6243.
Smith,G.H. 159, 1506.
Smith,G.L. 5526.
Smith,G.R. 2916.
Smith,H. 15, 382, 1264, 1350, 1818, 3969, 7123, 7548, 7825.
Smith,H.,Jr. 8246.
Smith,H.G. 1920.
Smith,I.W. 4416.
Smith,J.D. 938.
Smith,J.S. 4528, 6481.
Smith,J.W. 2432, 2586, 7856.
Smith,J.W.G. 219, 6483.
Smith,K. 7560, 7821.
Smith,K.A. 8096.
Smith,L.M. 7783.
Smith,L.S. 3000.
Smith,M. 492, 1361, 4671, 4795, 7028, 7565, 7579.
Smith,M.E. 7908.
Smith,M.W. 3887.
Smith,N. 6882.
Smith,P.C. 1248.
Smith,P.G. 335, 1055.
Smith,P.R. 845, 1558, 6955.
Smith,R. 875, 6611.
Smith,R.E. 3080, 3406, 4842, 5107.

Smith,R.H. 3164.
Smith,S.H. 6512, 6795, 6804.
Smith,S.W. 772, 5540, 7513.
Smith,T.F. 189, 1565, 1710, 2399.
Smith,T.L. 5968.
Smith,W. 4629.
Smith,W.C. 2649.
Smithson,W.A. 2399.
Smithwick,E. 3572.
Smits,M.A. 99, 2872.
Smokotina,Ye.N. 7942.
Smolec,J.M. 1212.
Smolin, G. 453.
Smolin,G. 2722.
Smorodintsev,A.A. 923, 7094, 7362
Snelting,A. 6436.
Sng,E.H. 6859.
Snijder,J.A.M. 4452, 5952.
Sninsky,J.J. 6921.
Snipes,W. 4714.
Snodgrass, D.R. 246.
Snodgrass,D.R. 1209, 2365, 5660, 5701, 7408, 8405.
Snoeyenbos,G.H. 1686, 2006.
Snowdon,W.A. 3869.
Snustad,D.P. 7849.
Snyder,D. 1092.
Snyder,H.W.,Jr. 4361.
Snyder,L.R. 719.
Soares, M.C.G. 1066.
Sobel,M.E. 1017.
Sobey,W.R. 7427.
Sobis,H. 1024, 5776.
Sobkowicz,G. 3923.
Soboleva,V.D. 5920.
Sobonya, R.E. 401.
Sobsey,M.D. 1896, 2620.
Socher,S.H. 1800, 4382, 4383.
Soderberg,B. O. 2875.
Soderlund,H. 2894, 5466.
Soderstrom,H. 7307.
Sodomann,C. P. 5058, 8018.
Soeda,E. 2118, 6978.
Soeda,M. 1174.
Soeharyono 4483.
Soetrisno,U. 4429.
Soffor,D. 3165.
Softic,N. 8217.
Sogbetun,A.O. 5240.
Sogorb S.,F. 1216.
Soh, A.C. 552.
Sohier,R. 5032, 7174.
Soichot,P. 3181.
Soike, K.F. 530.
Soike,K. 1966.
Soike,K.F. 2345.
Sokal,G. 1932.
Sokawa,Y. 2985.
Sokhey,J. 5256.
Sokolova,A.F. 5667.
Sokolova,T.M. 5638.
Sokolovskaya,I.V. 5070.
Sole Llenas,J. 3735.
Sole Vernin,C. 7836.
Solisch,P. 1417, 2143.
Sollers Riedel,H. 3230.
Sololova,A.F. 4272.
Solomon,D. 2508.
Solomon,D.A. 7946.
Solonin,A.S. 6380.
Solorzano,R.F. 3872, 4223, 7452.
Solov'ev,V.D. 1622.
Solovyeva,N.Ya. 1546.
Soltani,K. 3152.
Solter,D. 5027, 7209.
Soltis,R.D. 7308.
Soltysiak,R.M. 6178.
Soltz Szots,J. 6010.
Solvay,M.J. 4326.
Solyanok,L.D. 4711.
Solyom,F. 2067, 5697.
Soman,J.P. 4632.
Sominina,A.A. 5434.
Sommer,R. 2776, 4895.
Sommerville,C. 567.
Somov,G.P. 3300.
Sonenberg,N. 1489.
Songer,J.R. 3250.
Sonkoly,I. 2377.
Sonnabend,J.A. 7290.
Sonneck,J.M. 8330.
Sonnenfeld,G. 2986.
Sonnerstam,U. 2875.
Sonntag,I. 6278.
Soo Song, J. 441.
Soo,R. 1493.
Soo,W. 4358.
Soom,Y. 3332.
Soong,M.M. 4848.
Soorma,O. 3494.
Soos,T. 5698, 7062.
Soothill,J.F. 1171.
Sorber,C.A. 5244.
Sorchenko,S.A. 3300.
Soren,L. 965.
Sorensen,K. 2714.
Soreq,H. 2216.
Sorg,C. 2976.
Soriano,L. 4317.
Soriano,V.B. 1864.
Sorinson,S.N. 6028.
Sorokin,A.A. 1899.
Sorokina,Yu.D. 1239.
Sosman,J. 2979.
Sotelo,J. 7989.
Sotnikova,A.N. 3300.
Soto,E. 3107.
Soto,M.A. 2110.
Souissi,T. 5720.
Soulier,J.P. 1574, 2276, 5995.
Sourdille,P. 5288.
Sourek,J. 7077.
Southee,T. 5965.
Souza Carvalho,R.P. 8277.
Souza,V.A.U.F. 1216.
Sovde,A. 5904.
Sovova,V. 148, 570.
Sovrea,D. 1894, 3222, 7338.
Sow,A.M. 2449.
Sozzi, T. 185.
Sozzi,T. 832.
Spaan,G. 2610.
Spaander,J. 2368.
Spahr,P. F. 2126, 3680, 6860.
Spahr,P.F. 4133.
Spalatin,J. 4956.
Spangler,G. 7693.
Spano,C. 3530, 7345.
Spargo,B.H. 3756.
Sparks,J.P. 3593, 3819.
Sparks,T.R. 1286.
Sparros,L. 1821.
Sparrow,S. 2698.
Spaziani,A. 3622.
Spear,P.G. 1759, 5462, 5463.
Speck,G. 5783.
Speck,J. 904, 4262.
Specter, S. 253, 327.
Specter,S. 1801.
Spector,D.H. 1015, 7821.
Spector,D.J. 3370, 4108.
Speed,B.R. 8172.
Speers,D.M. 1870.
Spehner,D. 2167.
Speirs,J.I. 5064.
Spekreijse,H. 1184.
Spence,L. 1227, 5315, 5973.
Spencer, J.H. 105.
Spencer,E. 137, 138, 752.
Spencer,J.H. 2172, 6889.
Spencer,J.L. 7219.
Spencer,M.J. 6489.
Spencer,S.K. 2661.
Speransky,A.I. 3527.
Sperber,E. 337.
Sperling,H. 1199.
Sperling,J. 4645.
Spero,J.A. 3207, 6004.
Spertzel,R.O. 4559, 8406.
Spevakova,G.K. 5172.
Spicer,E.K. 7678.
Spiegelman,S. 764, 3952, 6308, 7881.
Spigland,I. 3713, 7127.
Spillman,T. 5624.
Spindler,K.R. 4078.
Spira,G. 3701.
Spira,J. 324.
Spivak,N.Ja. 948.
Spizizen,J. 6164.
Spoendlin,H. 2283.
Spoerel,N. 6266, 7675.
Spooner,R.J.D. 3208.
Sporzynska,Z. 4212.
Sposito,M. 5746.
Spotarenko,S.S. 1654.
Spradbrow,P.B. 942, 1961, 2011, 2422, 2423, 2774, 3059, 3388, 3617.
Sprague,K.U. 2916.
Sprance,H.E. 1904.
Spratt,H.C. 5177.
Sprecher Goldberger,S. 1600, 5166, 7179.
Spring,S.B. 5684.
Sprinkle,P.M. 262.
Spruance,S.L. 6717, 7382.
Squeglia,N.L. 1735.
Sramkova,L. 5201.
Sreenivasan,M.A. 1156, 6070.
Sreenivasulu,P. 5373, 8443.
Sreeraman,P.K. 7435.
Sreevalsan,T. 6474.
Sridhar,R. 1294, 5361, 8026.
Srihongse,S. 4535, 4536.
Srinivasan,S. 641, 4687, 6371.
Srivastava,A. 7744.
Srivastava,B.I.S. 150, 776, 4143.
Srivastava,J.S. 3944.
Srivastava,K.M. 6855.
Srivastava,P.C. 994.
Srivastava,R.N. 6638.
Srivastava,S.B. 7477.
Srivstava,R.N. 5668.
St George,T.D. 3301.
St. George, T.D. 508.
St. George,T.D. 6745, 7429.
St. Jeor,S.C. 82, 5420, 7722.
St. John,A.C. 4742.
St.George,T.D. 1203, 3868.
Staal,S.P. 1620.
Stabel,S. 6985.
Staber,F.G. 2292.
Stace-Smith,R. 1302, 2044, 2072.
Stacey,D.W. 1492, 4134.
Stackpole,C.W. 5546.
Stadelbacher,E.A. 76.
Staden,R. 2104, 2811.
Stager,C.E. 2924.
Stagg,C.H. 3219.
Stagno,S. 377, 2559, 3156.
Stahl,S.J. 115.
Stain,J.P. 2588.
Stair,E.L. 6734.
Stairs G.R. 547.
Stajic,M. 7268.
Stakhanova,V.M. 5751.
Stalder,G.A. 3211.
Staley,N. 1853.
Stallcup,K.C. 5410.
Stallman,N.D. 1219.
Stamenov,M. 2686.
Stamford,S. 4037, 6102.
Stamm,B. 2278.
Stamm,W.E. 1919.
Stammati,A.L. 3607.
Stammer, J.L. 374.
Stampfli,K. 7369.
Stancek,D. 6517.
Standfast, H.A. 508.
Standfast,H.A. 3868, 7429.
Staneloni,R.J. 6354.
Stanescu-Lupu,D. 4446.
Stanish,S.M. 1337.
Stanley,J. 2810.
Stanley,N.F. 5255.
Stansfeld,A.G. 7297.
Stanton,G.J. 680, 899, 1623, 2350.
Staquet,M.-J. 7087.
Staquet,M.J. 3063.
Starek,M. 924, 927, 975.
Stark,C. 759.
Stark,G.R. 7704.
Stark,O. 7941.
Starke,G. 2294, 8284.
Starr,S.E. 7294, 5714.
Starshov,P.D. 7314.
Stary,A. 2552.
Starzl,T.E. 5293.
Stasiowska Randone, B. 415.
Stass,S.A. 4400, 5889, 7168.
Staub-Nielsen,L. 6573.
Stauber,E. 3883.
Staudenbauer,W.L. 6302.
Staudinger,W.L. 4214.
Stav,L. 7841.
Stead,S. 7943.
Stebbing,N. 7922.
Steck,A.J. 7396.
Steck,F. 7138, 8384.
Steck,W.D. 8196.
Steckert,J.J. 7789, 4161.

IRL©1979

Stedman,N. 2900.
Steege,D.A. 2186.
Steensma,H.Y. 4057, 7050.
Steeves,R. 3956.
Steeves,R.A. 1788.
Stefan,Y. 3891.
Stefanescu,D.T. 5414.
Stefanescu,V. 1706.
Stefani,D.V. 4995.
Stefanos,S. 7893.
Steffan,A.M. 6766.
Steffen,D. 4817.
Stehelin,D. 7821.
Stehfen Gervinus,J.C. 6525.
Stehlin,J.S. 8066.
Stehr,K. 406.
Steigbigel,R.T. 3092.
Steigleder,G. K. 1052.
Stein,A. 7086.
Stein,M. 5850.
Stein,R. 1168.
Stein,T.L. 6089.
Stein,W.D. 3658.
Stein,Z. 6030.
Steinbaugh,P.J. 1496.
Steinberg, A.D. 232.
Steinberg,A.D. 6675.
Steinberg,B.A. 2454.
Steinberg,C.M. 5566.
Steinberg,M.L. 3386.
Steinberg,S. 3572, 8276.
Steinberg,V.I. 2236.
Steiner,N. 6543.
Steinheider,G. 3956.
Steinitz,M. 263, 1446, 4312, 4617, 4747, 8065.
Steinke,U. 8038.
Steinke,W. 8038.
Steinlauf,R. 4574.
Steinmann,J. 856, 4508, 7863, 8285.
Stellmach,G. 2073, 7475.
Stellwagen,E. 1324, 6972.
Stelzner,A. 2441.
Stemberger,H. 1707.
Stenback,W.A. 1007.
Stenchever,M.A. 3174.
Stenz,E. 4194.
Stenzel,K.H. 7366.
Stepanek,J. 5661.
Stepanenkova,L.P. 5667.
Stepanova,I.A. 3587.
Stepanova,L.G. 5436.
Stepanova,O.B. 7563.
Stephanenkova,L.P. 4272.
Stephanos,S. 1612.
Stephen,E.L. 1644, 3319, 8406.
Stephens,R. 3119.
Stephenson,J.R. 158.
Stephenson,F. 7841.
Stephenson,J.R. 6526, 322, 1505, 2228, 2794, 2800, 3498, 4019, 4023, 4186, 5734, 7615.
Stephenson,P. 6208.
Steplewski,Z. 581.
Steppuhn,S. 7389, 8256.
Stern,H. 2593, 7063.
Sternberg,N. 600, 4170, 5556, 5560, 7794.
Sternon,J. 8222.
Stetina, R. 313.
Stetten,D.,Jr. 5967.
Stettler,U. 1450.
Steven,A.C. 4011, 6955.
Stevens,J.G. 6840.
Stevens, M.B. 413.
Stevens,C.E. 1157, 1652, 4234, 6711.
Stevens,D.A. 3075.
Stevens,J.G. 5570, 6557, 8400.
Stevenson, W.R. 558.
Stevenson,B.J. 6743.
Stevenson,R.G. 1204.
Stewart,W.E.,II 7108.
Stewart,A.W. 1114.
Stewart,F.M. 2938.
Stewart,G.J. 5114.
Stewart,J.A. 1847, 2553, 5242, 7920, 8272.
Stewart,J.S. 1920.
Stewart,S.J. 1262.
Stewart,S.M. 355.
Stewart,W.E.,II 1611.
Stewart,W.E.II. 893.
Stewien,K.E. 3580.
Stickl,H. 7126.
Stiles,C.D. 3661.
Stillman,B.W. 4782.
Stimpfling,J. 3630.
Stinebring,W.R. 7487.
Stinski,M.F. 6167, 6929.
Stipkovits,L. 1993.
Stirm,S. 4013.
Stites,D.P. 1949.
Stitt,D.T., 4611.
Stitz,L. 5654.
Stiver,H.G. 4278.
Stock,A.D. 4980.
Stocker,B.A.D. 1551.
Stockert,E. 882.
Stoeckel,M.E. 5202.
Stoeckel,P. 1140.
Stoffel,W. 4721.
Stoger,I. 5105.
Stohlman, S.A. 210, 9.
Stoian,M. 3705, 5162, 5847.
Stoicescu,A. 6695.
Stoiculescu,P. 281.
Stokke,D.B. 1872.
Stollar,V. 3653, 4127.
Stoltz,D.B. 5352, 5353, 5354.
Stone,H.D. 7158.
Stone,H.O. 1486.
Stone,M.R. 5133, 8098.
Stoner,G.D. 535.
Stonova,N.S. 1622.
Stookey,J.L. 1258.
Storch,G.A. 7364, 8320.
Storm,D.R. 7226.
Storm,N. 8374.
Storz,J. 1995, 3281, 3288.
Stossel,T.P. 5717.
Stott,E.J. 946, 2018.
Stotzky,G. 2458, 5067, 5082.
Stout,E.R. 1470, 6313.
Stover,B.H. 624.
Stow,N.D. 176, 820, 822.
Stowers,J.W. 7657.
Stowring,L. 2965.
Strady,A. 3015.
Strahilevitz,M. 8187.
Strand,M. 6274.
Strand,M.A. 7459.
Strandberg,B. 7516.
Strandberg,J.D. 7208.
Strander,H. 2357, 4256, 7117.
Strannegard,O. 3565, 5644, 5651.
Strashoon,J. 978.
Strati,I. 5414.
Stratton,F. 4455.
Straub,M. 8305.
Straub,O.C. 1776, 2264, 3126, 4990, 5658, 5675.
Straube,E. 7410.
Strauch,D. 2716.
Straus,S.E. 3458, 7525.
Strauss,B.S. 6306.
Strauss,E.G. 1538.
Strauss,J.H. 760.
Strauss,M. 2183.
Straver,P.J. 4987, 5603, 5612, 8370.
Straw,B. 3058.
Streeter,D.G. 994, 3651.
Streett, D.A. 1448.
Strehl,W. 1682.
Streiff,E. 6490.
Streilein,J.W. 6505.
Streitfeld,M.M. 2240.
Strelnikov,V.A. 8175.
Streu,J. 1962.
Stribrna,J. 1494.
Strick, N. 203.
Strick,N. 1595, 4234, 4927, 4948.
Strike,P. 7791.
Stringer,J. 4893.
Stringer,J.R. 6330, 7716.
Stringfellow,D.A. 5767.
Strizhov,N. 830.
Strizhov,N.I. 6379.
Strnad,B.C. 5048, 5100.
Strobbe,R. 3061.
Stroffolini,T. 8310.
Strohl,W.A. 6267.
Strohm,W.D. 2278, 5274.
Strohmaier,K. 1387.
Strokovskaja,L.I. 5456.
Strokovskaya,L.I. 6220.
Strombeck,D.R. 2682.
Strome,S. 1468.
Strominger, J.L. 200.
Strominger,J.L. 3435.
Strong,D.M. 3071.
Strong,J.E. 6897.
Strongin,A.Y. 4.
Stroop, W.G. 542.
Strossman,Y. 1863.
Struk,V.I. 6552.
Strunin,L. 1060.
Strunk,R.C. 947.
Stuart-Harris,C. 8304, 2667.
Stuart,J.C. 2688.
Stuber,D. 2113.
Studdert,M.J. 684, 879, 1968, 2147, 3064.
Studier,F.W. 5450.
Studizinski,G.P. 8148.
Stukacheva,E.A. 6305.
Stump,K.H. 7840.
Stumpa,A. 1234, 6077.
Stunzner,D. 5254.
Sturm,E. 6823.
Sturman,A.J. 4735, 5513.
Sturtevant,J.M. 4694.
Stuttard,C. 4207.
Stutzman,R.E. 2804.
Stuy,J.H. 7839.
Styk,B. 2968, 2969, 4226, 6534, 7077, 7099.
Styles,W.M. 3012.
Stylos,W.A. 7914.
Su,D.W. 1851.
Su,R.T. 2182.
Suarez,H.G. 304, 5773.
Subak Sharpe,J. 3169.
Subak Sharpe,J.H. 176, 622, 5571, 6910.
Subba Rao,M.V. 7088.
Subbarao, K. 385.
Subi,K. 2396.
Subirana,J.A. 4713.
Subramaniam,T.R. 6794.
Subramanian,K.N. 122, 3980, 7811.
Suchankova,A. 2288, 2764.
Sucker,U. 4924.
Suckling,A.J. 1254, 2007, 5337.
Suda Bachmann,F. 6158.
Suda,T. 1170.
Suda,W. 5431.
Sudarisman,S. 5378.
Suffin,S.C. 6788.
Sugahara,T. 6589.
Sugamura,K. 981.
Sugg,U. 6439.
Sugimoto,C. 5721, 7987.
Sugimoto,K. 2776.
Sugimoto,T. 1117.
Sugino,Y. 38, 306, 7251, 8053.
Sugisaki,H. 2776, 6196.
Sugishita,C. 3598.
Sugita,K. 8028.
Sugiura,A. 4001, 6862.
Sugiura,K. 5908.
Sugiura,M. 1466, 6153.
Sugiyama,H. 8077.
Sugiyama,K. 1423, 1602, 4727, 8118.
Sukeno,N. 1152, 7433, 7824.
Sukhorada,E.M. 7463.
Sukumaran,C. 4503.
Sula,J. 1494, 5858.
Sule,T. 2607.
Sulianti,J. 4483.
Sulko,M. 6617.
Sulkowski,E. 892, 1604, 1606, 4266, 7114.
Sullivan,J.R. 8167.
Sullivan,J.F. 3250.
Sullivan,J.L. 4311.
Sullivan,N.D. 3064.
Sullivan,R. 5230.
Sullivan,S.J. 796.
Sulochana,S. 2135, 6415.
Sulyan,A.M. 5880.
Sumarmo 7832.
Sumarokov, A.A. 222.
Sumarokov,A.A. 910.
Sumaya,G.V. 6489.
Sumegi,J. 4105.
Summers,A.O. 6392.
Summers,D.F. 2822, 7011, 7763.
Summers,J. 1062, 1212.

Summers,M.D. 639, 2140, 2825, 4025, 6243, 8425.
Summers,W.C. 4876, 6991.
Summers,W.P. 2186, 4876, 6991.
Sun,I.L. 5029, 5482.
Sun,L. 2127, 2503.
Sundaram,K.R. 428.
Sundblad,A. 8338.
Sundin,O. 3989.
Sundin,O.H. 36.
Sundmacher,R. 4265, 7122.
Sundquist,B. 7648.
Sung,J. L. 1913, 1917.
Sung,J.L. 6005, 6703.
Suni,J. 4359.
Sunkara,P.S. 5784.
Suphavilai,P. 2256, 7511.
Supran,E.M. 6704.
Suptel',E.A. 7440.
Suraikina,T.I. 5759.
Sureau,P. 1230, 3760, 3761, 3804.
Surkov,V.V. 6874.
Surrenti,C. 5223.
Surrey,S. 1786.
Suru,M. 3705.
Surveyor,I. 5861.
Surzycki,S. 6986.
Surzycki,S.J. 7709.
Suseelan,A.A.V. 1868.
Suskind,R.G. 8092.
Suslova,G.F. 1239.
Suslova,I.N. 4861.
Suss,J. 2441.
Sussdorf, D.H. 536.
Sussenbach,J.S. 4005, 7712.
Susskind,M.M. 1531, 2175.
Sussman,R. 1357.
Sutakova,G. 544.
Suteri,B.D. 7477.
Sutherland,D.C. 6721.
Sutherland,D.E.R. 8206.
Suto,C. 7497.
Suto,T. 1423, 1602, 4727.
Sutter,D. 127.
Sutton,J. 1307.
Sutyla,P. 7966.
Suwasono,H. 8293.
Suwathanaviroj,V. 6059.
Suzuki, N. 455.
Suzuki,F. 7926.
Suzuki,H. 1110, 3276, 3788, 4622, 5314, 7107, 7578, 8229.
Suzuki,J. 2160.
Suzuki,K. 1117, 1555, 5503.
Suzuki,M. 2468, 2584, 4733, 6153.
Suzuki,N. 6473.
Suzuki,S. 2374, 3185.
Suzuki,Y. 4889, 5484.
Svandova,E. 6709.
Svedmyr,A. 4442.
Svedmyr,E. 263, 5030, 6516.
Svejda,J. 7173, 7985, 8184.
Svejgaard,A. 6573.
Svennerholm,B. 7651.
Svenson,S.B. 7672.
Svensson,L. 7167.
Sverdlov, E.D. 20.
Sverdlov,E.D. 615.
Sveshnikova,N.A. 1145, 6874.
Sviridova,I.K. 3667.
Svitkin,Y.V. 2891.
Svoboda, J. 313.
Svoboda,J. 2476.
Svobodova,J. 6471.
Svorcova,L. 1739.
Swack,N.S. 8367.
Swain,R.H.A. 4590.
Swan,J. 5550.
Swanepoel,R. 8385, 398, 1165, 4432, 5205.
Swanton,M. 6406.
Swartz,T.A. 1903, 5203, 6690.
Swarz,J.R. 4366.
Sweasey,D. 8354.
Sweet,C. 15, 1264, 1350, 7548, 7825.
Sweet,R. 5563.
Sweetman,L. 5061.
Swerczek,T.W. 1226.
Swiatek,Z. 1564.
Swiecicki,W. 5363.
Swinscoe,J. 123, 4101.
Switalski,L. 4918.
Sycheva,I.O. 753.
Sychova,I.V. 7729.
Sydiskis,R.J. 1044.
Sydnor,A., Jr. 6643.
Sydow,G. 775.
Sykes-Andral,M. 5319.
Sykes,B.D. 2134, 6230.
Sykes,J.A. 2158.
Sykora,K.-W. 6157.
Sykorova,M. 7143.
Sylvester,E.S. 2829, 2741, 5358.
Sylvestre,R. 6441.
Symington,J. 1424.
Symonds,N. 6893.
Symons,R.H. 785, 4008, 7777.
Synder,R. 1212.
Syrbu,A.T. 5993.
Syrucek,L. 927, 975, 6831.
Sytnik,I.A. 3103.
Sytnik,S.I. 3103.
Syukur,A. 8292.
Syvanen,M. 3481.
Syzdykov,M.S. 2669.
Szabo,E. 199, 7216.
Szalka,A. 6515.
Szczesna,E. 4841.
Szent-Ivanyi,T. 3309.
Szentmiklossy,Cs. 3309.
Szepesi,G. 6029.
Szepesi,T. 6029.
Szer,W. 703.
Szeri,I. 1717, 6773.
Szeto,W.W. 2790.
Szewczuk,A. 7323.
Szigeti,R. 2377.
Szilagyi,J.F. 6355.
Sziraki,I. 4010.
Szirmai,J. 8456.
Szkaradkiewicz,A. 988.
Szkudlarek,J. 5816.
Szlachetka,R. 2570.
Szmuness, W. 444.
Szmuness,W. 1157, 4234, 5860, 6711.
Szorc,W. 3204.
Szucs,A. 3551.
Szurop,I. 945.
Szweda,W. 7425.
Szybalski,W. 97, 700, 1360, 3489, 4072, 4857, 4862.
Szybiak,U. 4841.

T-W.-Fiennes,R.N. 8386.
Tabas,I. 667, 668, 669.
Taber,R. 6270, 6273.
Taberner,D.A. 6442.
Tabor,C.W. 92.
Tabor,E. 1821, 3547, 3903, 4450, 6662, 6789, 6790, 7458.
Tabor,H. 92.
Tabor,J.M. 7795.
Tabuchi,K. 5846.
Tabuse,Y. 4370.
Tachibana,C.F. 4922.
Tachibana,H. 6891.
Tachibana,T. 1761.
Tada,A. 2252.
Tada,M. 4303.
Taffs,L.F. 7130.
Tagami,H. 237.
Tagaya,I. 1705, 6679, 7727.
Tage-Jensen,U. 7150.
Tager,A. 3004.
Tagliabue,A. 5047.
Taguchi, F. 491.
Taguchi,F. 1343, 4367, 4607, 5416.
Tahara,S. 5413.
Tai,G.K. 3236.
Tainsky,A. 8135.
Taira,H. 1637, 7101.
Taira,H, 1629.
Takada,A. 1117.
Takada,K. 6572.
Takada,S. 4370.
Takahashi,E. 1257, 1970, 2149, 2948, 4247, 4941, 7960.
Takahashi,G. 3598.
Takahashi,H. 6194, 6196, 6383, 7571, 7572.
Takahashi,I. 7051.
Takahashi,K. 2265, 5632.
Takahashi,M. 2374, 5503, 5744.
Takahashi,N. 1328.
Takahashi,R. 490.
Takahashi,T. 694, 762, 889, 4949.
Takaku,F. 6964.
Takamura,S. 5277.
Takanami,M. 2776.
Takanami,Y. 3431, 6246, 7515.
Takano,S. 7116.
Takano,T. 1326.
Takase,S. 1117, 3276.
Takashima,S. 8220.
Takashina,S. 2713.
Takatsuki,A. 1604, 1743.
Takayama,N. 7245.
Takebayashi,T. 7938.
Takebe,I. 4733, 6373.
Takeda,A.K. 4922.
Takeda,Y. 4073, 7660.
Takehara,M. 7547.
Takekoshi,Y. 1882.
Takemoto,K.K. 196, 2508, 3959, 4238, 4658, 6864, 7580.
Takenokuma,K. 514, 1983.
Takesue,S. 2163.
Taketo,A. 698, 1457, 2931.
Taketo,M. 841.
Takeuchi,A. 6056.
Takeuchi,J. 1117.
Takeuchi,Y. 2436.
Takeyama,H. 3568.
Takigawa,N. 5356.
Takimoto,S. 3818.
Takizawa,T. 2691, 8376, 8377.
Tal,J. 45, 6976.
Talal,N. 3130.
Talas,M. 2991, 5105.
Talberth,E. 3168.
Talbot, P. 73.
Talbot,M. 2519.
Talens,L.T. 2905, 4062.
Taley,Y.M. 5391.
Taliani,G. 7873.
Talib,V.H. 1820.
Talkington,C. 6898.
Taller,G.A. 3213.
Talleyrand,D. 4436.
Talor,W.P. 7888.
Talpalatski,P.L. 7460.
Tam,M.R. 5133, 8098.
Tamagni,F. 6706.
Tamaki,G. 3340.
Tamalet,J. 826, 3184, 6175, 6176, 6877, 7007, 7393.
Tamayo,L. 4388.
Tamboise,E. 8258.
Tambourin,P.E. 3132.
Tamm,I. 1616.
Tamm,I. 3566, 5647.
Tammariello,R.F. 8410.
Tamura,T. 491.
Tamura,F. 6400.
Tamura,G. 1604, 1743.
Tamura,T. 5050, 6057, 8002.
Tamura,T.-A. 1326.
Tamura,Y. 4622.
Tan,C. 2337.
Tan,K.B. 2164.
Tan,L.-K. 6409.
Tan,Y.H. 2337.
Tanabe,K. 4370.
Tanabe,N. 6154.
Tanada,Y. 1405, 3328, 3908, 6241.
Tanaka,A. 1428, 4119, 4671.
Tanaka,H. 1819.
Tanaka,J. 6873.
Tanaka,K. 4639.
Tanaka,M. 1882.
Tanaka,N. 7578.
Tanaka,S. 135, 690, 1466, 6287, 7723.
Tanaka,T. 111, 2640, 8376, 8377.
Tanase,M. 3255.
Tandon,B.N. 3845.
Tandon,H.K.L. 6947.
Tandon,H.O. 267.
Tandon,P. 6522.
Tango,M. 5277.
Tani,R. 1170.
Taniguchi,E. 5763.
Taniguchi,K. 1568, 8287.

IRL©1979

Taniguchi,T. 243, 813, 4080, 4173, 6970, 8033.
Tanioka,T. 5744.
Taniyama,Y. 111.
Tannenbaum,J. 779, 6356.
Tanner,M.J.A. 6282.
Tanno,H. 5954.
Tannock,G.A. 14, 5010.
Tannoia,N. 1880.
Tanphaichritra,D. 3750.
Tanquerel,T. 3212.
Tantawy,A. 5081.
Tanwani,S.K. 1689, 4633.
Tanyashin,V.I. 4163, 6380.
Tanyi, J. 499, 500.
Tanzawa,H. 2160.
Tanzi,M.L. 3048, 7076.
Tarakji,M.S. 3264.
Tarasevich,I.V. 4486.
Tarasov,L.F. 2095, 6219.
Tarasov,V.I. 4430.
Taraszkrewicz,F. 3204.
Tardivel,R. 7872.
Tardny-Panit,M. 5098.
Tareyeva,I.E. 403.
Targowski,S.P. 5713.
Tarodi,B. 1580, 7815.
Tarone,G. 299.
Taros,L.Yu. 7094.
Tarr,G.C. 877.
Tartakovsky,B. 4976.
Tasca,O. 5544, 6359.
Tasseron-de Jong,J.G. 742.
Tassi,G.C. 3271.
Tatarov,A.G. 6777.
Tatarov,G. 2421.
Tate,V.E. 6324.
Tateda,A. 2300, 8266.
Tateishi,M. 6189.
Tathed,P.S. 5290.
Tatosyan,A.G. 3123.
Tattar,T.A. 8473.
Tattersall,P. 6848, 6976.
Tatu,A. 3255, 3548.
Taubert,K. 904, 4262.
Taussig,L.M. 947.
Tavantzis,S.M. 6795, 6804.
Taveras,J.M. 3167.
Tavitian,A. 2521, 4814.
Tawara,J. 4244.
Taya,Y. 1232.
Taylor,A. 8071.
Taylor-Papadimitriou,J. 6474, 2982, 905.
Taylor, J.W. 366.
Taylor, P. 460.
Taylor,A. 7683.
Taylor,A.L. 3390.
Taylor,B.A. 8099.
Taylor,C.M. 5905.
Taylor,D.E. 6392.
Taylor,D.M. 5296.
Taylor,D.R. 1738.
Taylor,F.R. 6961.
Taylor,G. 2018.
Taylor,J. 44, 1537.
Taylor,J.S. 8196.
Taylor,J.A. 3884.
Taylor,J.M. 1499, 2199, 2201, 4145, 5804.
Taylor,K. 1453, 2869, 7793.
Taylor,M. 640.
Taylor,M.A.H. 6487.
Taylor,P. 6644.
Taylor,R.N. 2261.
Taylor,W. 4304.
Taylor,W.G. 2144.
Taylor,W.P. 6851, 7417.
Taz,E.M. 7299.
Tazulakhova,E.B. 4253, 4969, 5638.
Tazulakhova,E.T. 2333.
Tchen,T.T. 2922.
Tchernov,A.P. 612, 2782.
Tchurikov,N.A. 6381.
te Velde,J. 8137, 8159.
Teague,P.O. 1158.
Teakle,D.S. 2839.
Teare,E.L. 6020.
Tedder,R.S. 2541, 6437, 6456.
Tedeschi,F. 5151.
Tediashvili,M.I. 94, 5517, 7043.
Tediashvilli,M.G. 2238.
Tee,D.E.H. 5940.
Teertstra,W.R. 707, 2874.
Teich,N. 6599.
Teifel,J. 7801.
Teitelbaum, D. 255.
Teitz,Y. 8150.
Tejmar,L. 5090.
Tekauz,A. 6800.
Tekerlekov,P. 3514.
Tektoff,J. 4158.
Temin,H.M. 4067, 6214, 7750.
Tempera,G. 855, 891, 2548, 4408.
Temple,M.J. 7113.
ten Heggeler,B. 2912.
ten Napel,C.H.H. 3623.
Teng,M. 186.
Teninges,D. 3326.
Tennant,B. 2717.
Tennant,R.W. 1026, 2486, 3377, 5820, 7248.
Tennican,P.O. 8397.
Tennstedt,D. 5170.
Teodorescu,C. 4513.
Teodorescu,D. 5988.
Teodosiu,O. 921, 6108.
Teoharova,M. 4947.
Teokharova,M.P. 985.
ter Meulen,V. 1320.
Ter Meulen, V. 457.
Ter Meulen,V. 635.
ter Meulen,V. 2727, 2805, 3277, 4324, 7451.
Ter Meulen,V. 7496.
Ter Schegget,J. 4005.
Terada,M. 1034.
Teramoto, Y.A. 60.
Teramoto,Y.A. 1395, 3368.
Terasaki,P.I. 414.
Terayama,K. 7852.
Tereba,A. 5103.
Teremova,M.I. 2927.
Terpstra, C. 247.
Terpstra,C. 3513, 8357, 8380.
Terragno de Avila,R. 7543.
Terrana,B. 7368.
Terre,J. 937, 3605, 7956.
Terrier,M. 5440.
Terrioux,C. 1795.
Terry,E.R. 6811.
Terry,J.E. 8194.
Tershak,D.R. 756.
Terskov,I.A. 2927.
Terzaghi,B.E. 4154.
Terzaghi,E. 4154.
Terzin,A.L. 8037.
Tesarcik,J. 1205.
Teschner,H. 3315.
Tesh,M.-J. 5607.
Tesh,R.B. 5979.
Tesmer,S. 1688.
Tessman,E.S. 52, 706, 1459, 7804.
Tessman,I. 52, 706, 1459, 7804.
Testa,D. 4828.
Tevethia,M.J. 6464.
Tevethia,S.S. 6464.
Th'ng,C. 5315.
Thabaut,A. 6666.
Thacker,H.L. 5017.
Thacker,W.L. 4914.
Thacore,H.R. 3563, 4052.
Thal,S. 285.
Thaler,H. 6029.
Thalmann,G. 2414.
Thamer,G. 6002.
Thang,D.C. 7893.
Thang,M.N. 7893.
Tharbaut,A. 5941.
Thaung,U. 3235.
The,T.H. 3623.
Thea,A. 1163.
Theil,H.-J. 1396.
Theil,K.W. 2093.
Theilen,G.H. 1022, 7206, 8091.
Thein,S. 7131.
Theiss,J.C. 535.
Theodore,T.S. 6932.
Theodoridis, A. 488.
Theodoridis,A. 476, 1167, 4520.
Therkelsen,A.J. 6314.
Thermos,M. 2449.
Therwath, A. 311.
Thibon,M. 1720.
Thiel,H.-J. 2367, 4703, 5045.
Thielemann,R. 8457.
Thieme, M.L. 5670.
Thilakarajan,N. 1685.
Thilly,W.G. 7909.
Thimmappaya,B. 6384.
Thimmig,R.L. 7546.
Thind,I.S. 4555.
Thiry,L. 309, 1600, 5166, 7179, 8198, 8210.
Thivolet,J. 3063, 6635, 7087.
Thoft,R.A. 1842.
Thom,B.T. 1134.
Thomas Powell,A.L. 2122.
Thomas,C.A. 2790.
Thomas,D. 1268, 1578, 2953.
Thomas,D.B. 5849.
Thomas,E.J. 3186.
Thomas,F.C. 7860.
Thomas,G.D. 8421, 8426.
Thomas,G.M. 4586.
Thomas,H.C. 1175, 1176, 4395, 6544.
Thomas,H.J. 5769.
Thomas,I.T. 1171.
Thomas,J.C. 2156.
Thomas,J.K. 5112.
Thomas,J.O. 600, 703.
Thomas,K.V. 6585.
Thomas,L.H. 946.
Thomas,M.Z. 3832.
Thomas,R.J. 2710.
Thomas,W. 6223.
Thomison,J.B. 3822.
Thompson, J.P.S. 339.
Thompson,C.G. 8424.
Thompson,D.W. 512.
Thompson,G.G. 5143.
Thompson,G.M. 3839.
Thompson,J.A. 4102, 7702.
Thompson,J.J. 7856.
Thompson,J.K. 7039.
Thompson,J.L. 3173.
Thompson,N.E. 3500.
Thompson,R. 4652.
Thompson,R.L. 8084.
Thompson,T.E. 671.
Thompson,T.L. 6845.
Thompson,W.H. 7592.
Thompson,W.S. 7697.
Thomsen,A.R. 5049.
Thomsen,D.R. 6167, 6929.
Thomsen,J.L. 8177.
Thomsen,M. 6573.
Thomsen,P. 2538.
Thomsett,L.R. 4530.
Thomson,A.D. 2750.
Thomson,G.W. 4521, 5311.
Thomson,J.P.S. 3140.
Thomson,N.P. 5191.
Thomson,T.J. 3592.
Thomssen, R. 266.
Thomssen,R. 4673, 7725.
Thongcharoen,P. 8223.
Thongcharoen, P. 341.
Thongcharoen,P. 8224.
Thongmeearkom,P. 656, 3343.
Thongmeerarkom,P. 6136.
Thoren,M. 4102.
Thoren,M.M. 735.
Thorley-Lawson,D.A. 5626.
Thormar, H. 276.
Thormar,H. 2733, 3517, 6529.
Thorne,C.B. 4904.
Thorne,G.E. 4328.
Thornhill,T.S. 2728.
Thornton, A. 523.
Thornton, G.B. 24, 605.
Thornton,A. 5269, 5412.
Thornton,D.H. 935, 944, 5015, 7066.
Thorsen,J. 6048.
Thouless,M.E. 1861, 7736.
Thouvenel,J.-C. 2155, 4583.
Thouvenot,D. 3181.
Thraenhart,O. 5615, 7944, 8024.
Thresh,J.M. 6445.
Thriene,B. 1669.
Thurman,G.B. 1041.
Thurneyssen,O. 8402.
Thurow,H. 5511.
Thurston,H.D. 5360.
Tiborne,M.F. 6578.
Tichonenko,T.L. 4650.
Tichy, P. 18.
Tidir,A.A. 376.
Tidwell,T.E. 3927.

Tiemeier,D. 7799.
Tien,S.F. 4945.
Tierney,J.T. 1422.
Tiessink,J.W.A. 3608.
Tigges,M. 143.
Tigges,M.A. 3458, 4666.
Tijssen,P. 851, 2827.
Tikchonenko,T.I. 26, 7585, 8057.
Tikhomirova,L. 830.
Tikhomirova,L.P. 6379.
Tikhonenko,A.S. 4032.
Tikhonenko,T.I. 4034, 4667, 1358, 1369, 2183, 6874.
Tikhonovich,A.P. 5926.
Tiku,K. 5750.
Tiku,M.L. 1126, 5750, 8015.
Tilghman,S. 7218, 7799.
Tilles,G. 8330.
Tilies,J. 7906.
Tilles,J.G. 1643.
Tillon,J.P. 7399.
Tillotson,L.G. 1005.
Tilly,R.J. 1033.
Tilton,R.C. 7853.
Tilz,G.P. 7388.
Timakov,V.D. 3321.
Timanovskaya,V.V. 4377, 7534.
Timar,L. 2377.
Timberlake,W.E. 4009.
Timbury,M.A. 2297.
Timbury,M.C. 622, 820.
Timian,R.G. 2753.
Timko,J. 599.
Timkovsky,A.L. 3652.
Timmer,F.A. 6140.
Timmer,L.W. 5372, 7468.
Timmons,R.F. 3842.
Timoncini,G. 3097, 5292.
Timoney,P.J. 3860.
Tindall,R.S A. 1177.
Tinelli,L. 4079.
Ting,R.C. 4238.
Tinsley,T. 6697.
Tinsley,T.W. 8422.
Tiollais,P. 2914, 4192, 4858, 4859, 6222, 6908.
Tiongco,E.R. 3933.
Tipple,M.A. 8179.
Tisu,A. 6695.
Titmuss,D. 4316.
Titoli,F. 3125.
Titova,N.S. 4284.
Tjian,R. 4239.
Toba,M. 7107.
Tobe,T. 8070.
Tobek, I. 18.
Tobey,M. 2306.
Tobin,J.O'H. 2535, 4221, 5966.
Tobin,M.S. 2562.
Tobin,S.M. 8396.
Tobita,K. 1431.
Tocci,M.J. 5420, 7722.
Toda,G. 2609.
Todaro, G.J. 86.
Todaro,G.J. 6840.
Todaro,G. 3368.
Todaro,G.J. 589, 860, 1793, 2228, 2913, 4023, 5130, 5157, 5840, 6218, 7907, 8074.
Todd,D. 6272.
Todd,P.J. 3574.
Todorov,T.G. 2477.
Todorova,R. 8168.
Todorovski,B. 2023.
Togashi,J. 4889.
Tognon,M. 4877, 7728.
Toh-e,A. 3912.
Toh,B.H. 7989.
Toha,J. 2110.
Tohda,H. 1761.
Tokarev,S.A. 4711.
Tokuchi,K. 1174.
Tokuda,M. 4548, 8233.
Tokunaga,T. 1232.
Tolea,I. 4513.
Tolentino,E. 6609.
Tolentino,P. 8262.
Tolin,S.A. 2835.
Tolkoff Rubin,N.E. 5242, 7920, 8272.
Toma,B. 2254, 2701, 4538, 6074, 6754, 6760, 7033, 7061, 7956.
Tomana,M. 2804.
Tomas,E. 2773.
Tomassini,J. 620.
Tomasz, J. 1512.
Tomaszewski,M. 3401.
Tomcikova,O. 1130.
Tomczak,K. 4742, 5587.
Tomita,Y. 6472, 7245.
Tomkiewicz,C. 6846.
Tomlinson,A.H. 2535, 6033, 6657.
Tomlinson,J.A. 3918.
Tomlinson,M. 3574.
Tomori,O. 188, 1251, 3870, 7880, 8411.
Tompkins,G.J. 76, 1275, 8419.
Toms,G.L. 1264.
Tonaka,K.R. 3743.
Tondo,U. 3253.
Toneguzzo,F. 6351.
Tonew,E. 996, 8035.
Tonew,M. 996, 3950, 3996, 5757, 6209, 7512, 8035.
Tong,B.Y. 3973, 7564.
Tong,M.J. 2653, 8263.
Tongaonkar,S.S. 4619.
Tonghua,L. 8248.
Toniolo,A. 6528, 7236.
Tonnesen,K. 3826.
Tonolli,E. 2921.
Toolan,H.W. 7438.
Tooze,J. 7810.
Top,F.H.,Jr. 6627, 8410.
Topa,P.K. 5678.
Topaloglou,A. 4411.
Topp,W.C. 4346.
Torget,R. 6814.
Torichneva,L.Yu. 4995.
Tornaghi,R. 5383, 5487.
Toros,S. 2056.
Torrella,F. 5957.
Torrence,P.F. 296, 3105.
Torrey,E.F. 2542.
Torronteras Santiago,R. 2592.
Torsellini Gerna,M. 6411.
Toscano,N.C. 8461.
Tosi,P. 8398.
Tosta,C.E. 3317.
Tosti,U. 6719.
Toth,B. 945, 6059.
Toth,F.D. 329, 1713.
Toth,I. 5297.
Totolyan,A.A. 2243.
Totterdell,B.M. 3719, 2624.
Toucas,M. 4198.
Touraine,J.-L. 3065, 3769.
Toure,I.M. 4056.
Tournier,P. 5636, 5671.
Tourtellotte,W.W. 6732.
Tousignant,M.E. 7605.
Toussaint, A. 169.
Toussaint,A. 843, 4865.
Toussaint,C. 8198, 8210, 8317.
Tovey,M. 7921.
Tovey,M.G. 4958, 7105.
Townsend,J.J. 1242, 6087.
Toyoda,T. 8295.
Toyoshima,K. 5413, 8076, 8077.
Toyoshima,S. 8032.
Traavik,T. 1144, 2769, 2772, 3316, 3428, 3794, 4560, 5258.
Traeger,J. 5241.
Traganos,F. 5825.
Trainer,D.O. 8373.
Trainor,C.D. 2502, 8123.
Tralka,T.S. 3067.
Trapman,J. 6465.
Traub,P. 754, 3443, 4739.
Traub,U. 3443.
Traugott,U. 1077.
Traul,K.A. 5774.
Trautman,R. 4315.
Trautmann,L. 195.
Trautner,T.A. 4082, 4651, 4652.
Trautwein,G. 7418.
Travo,C. 7656.
Tremaine,J.H. 1406.
Trembly,K.J. 4527.
Tremolieres,F. 5930.
Trenggonowati,R. 7832.
Trent,D.W. 5469, 6212, 7592.
Trentin,J.J. 1007.
Trepanier,G. 6086.
Trepo,C. 7150.
Trepos,C. 6635.
Treuner,J. 992.
Trevisan,A. 5859, 6541.
Trevithick,J.R. 2219.
Trevor,K. 6561.
Trgovcevic,Z. 7661.
Trichopoulos,D. 7270, 1821, 2638.
Triebel,H. 4654, 7570.
Triebel,R. 5682.
Trifonov,S.D. 91.
Triger,D.R. 1731.
Trim,A.R.H. 1443.
Trimble,R.B. 106.
Trimble,S. 3011.
Trinchieri,G. 2450.
Trinchieri,G. 2427, 5027, 7209.
Triolo,E. 5756.
Triolo,G. 1163.
Triolo,L. 6722.
Tripathi,S.S. 6501.
Trivello,R. 3077.
Triwibowo 7832.
Trofatter,K.F.,Jr. 5028, 7169.
Trofimova,L.I. 6000.
Tronick,S.R. 2964.
Troup,P.A. 5392.
Trousdale,M.D. 961, 6092, 7445.
Trovato,G. 1119, 1877.
Trovo,D. 3825.
Trovo,R. 3825.
Trowbridge,I. 5421.
Troxler,D. 1588, 6937.
Troxler,D.H. 151, 4881, 6917, 8096.
Trudel,M. 7520.
Trudgett,A. 7514.
Truitt,C.L. 1529.
Trusca,V. 1918.
Truszczynski,M. 8345, 7154.
Trzaska,B. 3717.
Ts'O,P.O.P 1522.
Ts'o,P.O.P. 5099.
Tsai,S.C. 7120.
Tsakeres,F. 4365.
Tsan,M.F. 6538.
Tsareva,A.A. 1597, 3704.
Tsarichkova,D.B. 2021.
Tschersich,A. 8240.
Tschopp,C. 2519.
Tschopp,J. 4012.
Tschorn,R.R. 6107.
Tsertsvadze,G.G. 6615.
Tsetlin,V.M. 438.
Tshibamba 3805.
Tsiang,H. 971, 2013, 2387, 3025, 8003.
Tsibinogin,V.V. 5122.
Tsichlis,P.N. 7594.
Tsilinsky,Y.Y. 6874.
Tsilinsky,Ya.Ya. 5574, 7541.
Tsimanis,A.Y. 602.
Tsiquaye, K.N. 523.
Tsiquaye,K.N. 5269.
Tsirkin,R.S. 1132.
Tsokos,C.P. 5968.
Tsokos,J.O. 5968.
Tsou,K.C. 3702.
Tsou,T.Y. 7726.
Tsuboi,R. 1110, 3788.
Tsuchida,N. 1521.
Tsuei,D. 7, 5141, 8102.
Tsugita,A. 110, 2911.
Tsujimoto,Y. 4179.
Tsukamoto,K. 306, 685, 8053.
Tsukamoto,T. 3276.
Tsukiyama,S. 7045.
Tsukui,K. 3569.
Tsuranova,I.G. 4273.
Tsuruo,T. 39.
Tsygankov,Yu.D. 4888.
Tu,J.C. 6129, 7474.
Tuboly,S. 6866.
Tuchinda,M. 8231.
Tucker,C.L. 6184.
Tucker,D.F. 3692.
Tucker,M.R. 509.
Tucker,W.T. 1561, 7049.
Tuckova,E. 7767.
Tudor,G. 5988.
Tuffrey,M. 1033.
Tufvesson,B. 8312.
Tukei,P.M. 1055.

IRL©1975

'ullman,M.J. 2645.
'umilowicz,J.J. 6165.
umova,B. 1234, 6077.
'uomi,J. 496.
'upper,J.T. 8048.
'urbeville,D.F. 8178.
'urezkaya,R.L. 5096.
'urk,J.L. 8409.
'urkova,M. 6546.
'urler,H. 2879, 6981.
'urnbull,N.T. 1509.
'urner,A.C. 220.
'urner,B. 884, 6696.
'urner,G. 7944.
'urner,G.S. 3817.
'urner,J.H. 4980.
'urpin,F. 2504.
'ury,E. 5812.
'ustin,A.W. 6628.
'uszynski,G.P. 1769.
'utsch,W. 3650.
'wardzik,D.R. 1029, 8119.
'weedell,K.S. 1011.
'wilt,J.C. 6298.
'womey,J. 1668, 7137.
'yaglov,B.V. 50.
'yihak,E. 4580.
'yler,L. 1229.
'yms,A.S. 2940, 4726.
'yrell,D. 3589.
'yrell,D.A.J. 8185.
'yrrell,D.A. 213.
'yrrell,D.A.J. 1645, 3946, 3948, 5883, 5884, 6497.
'yrrell,D.L.J. 7887.
'yrrell,R.M. 7798.
'ytell,A.A. 3857.
'zan,N. 7079.
'zankov,G.T. 8420.
'zipori,S. 492, 942, 1202, 1897.

'alikhanov,T.U. 4985.
'bels Postma,J.C. 3636.
'chaikin,V.F. 8174.
'chida,H. 4205.
'chida,K. 6189.
'chida,N. 1250, 3900.
'chida,S. 5075, 5076, 5077.
'chida,T. 5900, 6181, 6281, 6940, 6954.
'chida,Y. 5770.
'dem,S. 591.
'derman,A.A. 1899.
'drescu,E. 281.
'dvardy,A. 3490.
'dvardy,J. 8433.
'eba,N. 5703.
'eba,O. 3375.
'eda,K. 2582, 5050, 5345, 5729, 6057, 7133, 8235, 8236.
'eda,M. 4001.
'eda,Y. 1705, 4940, 7727.
'emizu,Y. 6568, 7713.
'emura,F. 5744.
'emura,H. 111, 6153.
'eno,S. 6891.
'etake,H. 1692, 1694, 1695.
'garova,N.N. 5376.
'gryumov,B.L. 5219.
'gryumov,E.P. 5747.

Uhlenbeck,O. 716.
Uhlenbeck,O.C. 4087.
Uhlmann,C. 1816.
Ujhazyova,D. 5254.
Ukai,K. 1174.
Ukbaeva,T.D. 1224.
Ukkonen,P. 6438, 6708.
Ulanov,B.P. 6890.
Ulbrich,F. 1905, 1962, 6735.
Ullrich,A. 2898.
Ulmanen,I. 795.
Ulmann,L. 5661.
Ulug,E.T. 7539.
Ulyangco,C.V. 1864.
Umbreit,T.H. 4734.
Umenai,T. 8295.
Umezawa,H. 3659.
Umino,Y. 2331.
Underdahl,N.R. 1238.
Underwood,G.E. 5767.
Underwood,P.A. 3409.
Unge,T. 7516.
Ungureanu,A. 1918.
Uno,F. 4244.
Uppal Zubair,M. 4338.
Ura,M. 5314.
Uragami,K. 237.
Uralov,A.U. 7493.
Urasawa,S. 1568, 8227, 8287.
Urasawa,T. 1568, 8227.
Urbaczka,G. 576.
Urban,G.E.,Jr. 1123.
Urban,M. 6639.
Urbankova,J. 4505, 4928, 6443, 7084.
Urbanowski,M.L. 6167.
Urbarrena,R. 7192.
Uribe-Botero,G. 1103.
Urick,J.J. 5193.
Urouhart,G.E.D. 6839.
Urquhart,G.E.D. 8244, 1650.
Urquhart,G.M. 7156.
Urrutia,J.J. 3228, 8228.
Ursache,R. 2701.
Urzhenko,A.V. 4626.
Usavajindawatn, C. 341.
Uskov,V.N. 1239.
Usmanov,R.K. 7541.
Uthida-Tanaka,A.M. 7836.
Utsinger,P.D. 5852.
Utsumi, K. 206.
Utter,G. 1594.
Uvizl,M. 927.
Uzgiris,E.E. 1425, 2798.

V. Strandsky,B. 4448.
v. Bulow,V. 2289.
v. Essen,R. 5656.
v. Keyserlingk-Eberius,M. 3683.
v.d.Waart,M. 6436.
v.Keyserlingk,M. 5308.
Vaage,J. 332.
Vaananen,P. 7614.
Vaccino,P. 5212, 5949.
Vacek,Z. 2683.
Vacl,J. 7194.
Vaczi,L. 329, 1713, 2166, 6515, 6571.
Vagabov,R.M. 7090.
Vagena,A. 1167.
Vaghela,L.H. 1156.
Vago,C. 3904, 6848.
Vaheri, A. 402.
Vaheri,A. 1753, 4359, 7225.
Vahlne,A. 7651.
Vahro,M. 3373.
Vaidya,A.B. 1342, 5290.
Vainionpaa,R. 2807.
Vaissaire, J. 190.
Vaissaire,J. 5613.
Valade,M. 3790, 3951, 5977, 6113, 8298.
Valancogne Grosjean,S. 2015.
Valder,W.-A. 1199, 1954.
Valder,W.A. 1261.
Valdesuso,J. 8229.
Valente,C. 1198, 7277.
Valenti,P. 8030.
Valentova,N. 4355.
Valenzuela,D. 5523.
Valenzuela,M.S. 2868.
Valerio,M.G. 1046.
Valis,J.D. 7208.
Vallbracht,A. 6782.
Vallier,P. 5440.
Vallini,A. 2605.
van Balken,J.A.M. 4987.
Van Balken,J.A.M. 5612.
van Beek,W.P. 8156.
Van Beers,D. 6614.
van Bekkum,J.G. 3608, 8370.
Van Beveren,C. 6348, 8115.
van Bijsterveld,O.P. 1841.
Van Blerk,G.A. 5683.
van Blitterswijk,W.J. 5835.
Van Buskirk,J.J. 5846.
van de Pol,H. 5580.
van de Putte,P. 81.
van de Ven,W.J.M. 1505.
Van de Voorde,A. 4661.
Van De Voorde,A. 4662.
Van de Vorst,A. 2779, 3102, 6895.
van Deemter,L. 8129.
Van Dellen,A.F. 6750.
van dem Broek,P.J.L. 6024.
van den Berg,C. 3200.
Van Den Berghe,D.A. 4339.
van den Berghe,H. 8126.
van den Ende,M.C. 8371.
Van Den Heever,A. 1061.
van den Hurk,J. 851.
van der Bosch,J. 6559.
van der Eb,A.J. 6909, 3457, 4792.
van der Groen,G. 8303, 3383, 3721, 3760, 3369, 3420, 3809.
van der Heide,L. 4912.
Van der Hofstad,G.A.J.M. 4757.
van der Logt,J.T.M. 6520.
van der Lubbe,J.L.M. 7096.
Van Der Maaten,M.J. 5810.
Van der Noordaa,J. 2550, 4792.
van der Veen,J. 1976, 6520, 7081, 8312.
van der Vliet,P.C. 4784.
Van Dieijen,G. 4076, 4757.
Van Dorp,B. 6302.
van Driel,R. 155, 791, 4012.
Van Duin,J. 4076, 4756, 6298.
van Egten Bijker,J. 3623.
van Eldick,L.J. 3406.
van Eldik,L.J. 3080.
van Elsas,J.D. 7050.
van Emmelo,J. 7663, 7664.
Van Etten,J.L. 6307.
Van Geertruyden,J. 8198, 8317.
Van Heerden, A. 488.
Van Heuverswyn,H. 4661, 6201, 7703.
Van Hoof,H.A. 6820.
van Hooff, J.P. 6024.
Van Houwe,G. 3451.
Van Kammen,A. 3477, 2810, 2834, 2908, 4148, 6682.
Van Kammen,D.P. 2542.
Van Kruiningen,H.J. 5305.
van Lelyveld,L.J. 2034, 2035.
van Loon,L.C. 3925.
van Loon,A.M. 6520.
van Loon,L.C. 6805.
van Maarschalkerweerd,M.W. 7712.
van Meeteren,A. 81.
Van Meirhaeghe,E. 6741.
van Minderhout,L. 815.
van Montagu,M.C. 6232.
van Montague,M. 1557.
van Muijen,G.N.P. 8137, 8159.
van Nie,R. 5155.
Van Nieuwenhove,S. 3760.
van Nunen,M.C.J. 1976.
van Oirschot,J.T. 7976.
Van Opdenbosch,E. 2946, 3061.
Van Ormondt,H. 6909.
Van Orrtmerssen,E.A.C. 742.
Van Pottelsberghe,C. 6784.
Van Prooijen,W. 4076.
Van Regenmortel,M.H.V. 2849, 3534.
Van Rens,M.M. 6694.
van Rood,J.J. 959.
Van Roy,F. 3988, 7814.
Van Thiel,D.H. 3207.
Van Tieghem,N. 1345.
Van Tol,R.G.L. 7015.
Van Tongeren,H.A.E. 6682.
Van Touw,J.H. 4005.
van Vliet,F. 1557.
van Vloten-Doting,L. 7015, 2215.
van Wezel,A.L. 5602.
van Wezenbeek,P. 6190.
van Ypersele de Strihou, Ch. 7387.
Van Zaane,D. 4680.
van Zanten,J.J. 6024.
Van,M. 5491.
Vanag,K.A. 3055, 4561.
Vance, D.E. 157.
Vance,D.E. 57.
Vande Woude,G.F. 2229, 4878.
Vandenbussche,P. 212, 5166.
Vandeputte,J. 2724, 7426.
Vandeputte,M. 1024.
Vandererckhove,J.S. 6232.
Vandervelde,E.M. 3208, 5871, 6431.
Vandevelde,M. 2272.

Vandvik,B. 280.
Vankammen,A. 8378.
Vankin,G.L. 1783.
Vannier,O. 5041.
Vannier,P. 6074, 7399.
Vanopruks,V. 6523.
Vanoverschelde,J. 4983.
Vantsis,J.T. 6770.
Vanyushin,B.F. 6900.
Vapnek,D. 4647, 7805.
Vardanyan,N.V. 5265, 6110.
Vardi,J. 6672.
Vardthananusara, C. 341.
Varela Diaz,V.M. 2268.
Varetti,G. 3531.
Vargas,V. 5271, 5862, 5869.
Vargin,V.V. 5018.
Varich,N.L. 753, 7729.
Varma,A. 4045.
Varma,J.P. 5381.
Varma,M.G.R. 3419, 5606.
Varmus,H.E. 45, 146, 766, 1015, 2202, 4131, 4141, 4142, 4819, 4820, 5806, 6350, 7821, 7822.
Varnell,E.D. 2719.
Varnier,O.E. 7751.
Varshaver,N.B. 3378, 6163.
Varshavsky,A.J. 36, 618, 3989.
Vartapetjan,A.B. 7612.
Vartio,T. 1753.
Varyasin,V.V. 3213.
Vasconcelos-Costa,J. 2287.
Vasic,B. 7957.
Vasic,N. 7957.
Vasicek,L. 8368, 8375.
Vasil'ev,V.M. 6553.
Vasil'ev,V.N. 5758.
Vasilchenko,L.G. 5562.
Vasilenko,S.K. 701, 5524.
Vasilev,L. 2023.
Vasileva,V.A. 5479.
Vasiliev,V.S. 7325.
Vasilieva,I.G. 6093.
Vasilieva,M.B. 2238.
Vasilieva,O.A. 8004.
Vaskebova,M. 1130.
Vasquez,C. 55.
Vass,W.C. 4363.
Vassanyi,R. 3425.
Vassella,F. 2572.
Vastag,O. 6039.
Vastola,K. 4266.
Vaughan,J.H. 3381.
Vaughn,J.M. 3783, 3832.
Vautherot,J.F. 4552.
Vaziri,N. 7906.
Vecchiati,M. 4333.
Vecchio,G. 7003.
Veckenstedt,A. 6091, 7119.
Vedel,M. 1762, 6574.
Vedros,N.A. 3296.
Veerisetty,V. 5404.
Vefenof,E. 5030.
Vega,J. 5371.
Vegetti,G. 5362.
Veglio,V. 5216.
Veien,N.K. 1844.
Veitorp, M. 395.
Vejtorp,M. 3512, 8170.
Vekma,B.L. 5668.
Velasco,M. 1127, 6712.
Veltkamp,E. 5580.
Veltri,R.W. 262.
Veneri,R. 5724, 5980.
Venetianer,P. 3490.
Veniyaminova,A.G. 5524.
Venkatasubba Rao,C. 1685.
Venkateshan,C.N. 4619.
Ventura,P. 3853.
Venturelli,R. 3825.
Venugopalan,P. 4503.
Verani,P. 5974.
Verbonitz,M. 3091.
Verbov,J. 8332.
Vercammen-Grandjean,A. 1345.
Vercellotti,E. 1112.
Verdin,B.J.M. 6244.
Verduin,B.J.M. 7775.
Vereanu,A. 4197.
Vereerstraeten,P. 1600, 8198, 8210, 8317.
Vereerstraten,P. 5166.
Veremejchenko,S.N. 3413.
Veres-Molnar,Z. 2887.
Vergani,C. 1119, 1877.
Vergara,D.C 6128.
Verguet,J.-O. 5206.
Verhagen,W. 886.
Verhoyen,M. 7555.
Verini,M.A. 7552, 7553, 7554.
Verkerk,S. 4452, 5952.
Verma, H.N. 79.
Verma,B.L. 6638.
Verma,I.M. 4682, 6217.
Verma,V.S. 1289.
Verme,G. 1828, 8019.
Vernace,S.J. 4331.
Vernick,S.H. 337.
Vernon,M.L. 3136.
Vernon,T.M. 5881.
Veronesi,R. 8277.
Verret,J.-L. 1101.
Verroust,P. 215.
Versteeg,J. 6024, 7306.
Verstraete,A.P. 2698.
Verstraete,A. 1213.
Verstraeten,R. 5155.
Verver,J.W.G. 2908.
Vesco,C. 7653.
Veselovskaya,T.V. 7755, 8117.
Vesin,C. 8275.
Vest,C. 6611.
Vestergaard,B.F. 3543, 4240, 6410, 8034.
Vetro,S. 7368.
Veylon,R. 2452.
Vezza,A.C. 7743.
Viac,J. 3063, 7087.
Viaene,N. 7151.
Viallat,J. 263, 5030.
Vianello,M.G. 8262.
Viano,I. 4260, 8404.
Vicale,T.J. 3832.
Vicente,M. 2457, 6550.
Vickers Hershfield,M. 7796.
Vidali,G. 7653.
Vidaver,A.K. 6307.
Vielvoye,G.J. 7306.
Viera De Torres, B. 393.
Vieth,J. 2590.
Vieu,J.-F. 7832.
Vieu,J.F. 4198, 4211.
Vigevani,G.M. 3271.
Vigier,P. 4135.
Vigne,R. 826, 5111, 7007.
Viikari,J. 3601.
Vij,J.C. 3845.
Vijaya Lakshimi,M. 3438.
Vil'ner,L.M. 3099.
Viladoms,J. 5271.
Vilas,P. 6549.
Vilaseca,J. 5862.
Vilcek,J. 2336, 6468, 7900.
Vilde,J.-L. 5062.
Vilhelmova, M. 241.
Vilholm,H.E. 8154.
Villanueva,P. 4317.
Villarejos,V.M. 1065, 4564.
Villarejos,v.M. 6539.
Villarreal,E. 1878.
Villarreal,L.P. 2884.
Vilmos,P. 3882.
Vilner,L.M. 1619.
Vince,R. 294.
Vincent,C. 5720.
Vincent,F.M. 8167.
Vincent,P. 4425.
Vinci,F. 5680.
Vindevogel,H. 1581.
Vinel,J.-P. 8257.
Vinkova,G.A. 1935.
Vinson,S.B. 5352.
Vinuela,E. 4152, 4713.
Viola,F. 6719, 8337.
Viola,M.V. 6654.
Virelizier,J.-L. 1636, 2428, 2429.
Virelizier,J.L. 7927.
Virenque,C. 8218.
Virmani,M. 7634.
Visakorpi,R. 6458, 8306.
Vishnevskaya,R.K. 2647.
Visnapuu,L. 2396.
Visona,K.A. 1065, 6539.
Vissani,P.M. 3205.
Visscher,B.R. 1946.
Visser,A.J.W.G. 6244.
Vissoulis,C. 2638.
Viswalingam,M. 4410.
Vitali,D. 3271.
Vitamvas,J.A. 5023.
Vitarana,T. 6698.
Vitek,A. 1454.
Vizard, D.L. 24, 605.
Vladescu,S. 5988.
Vladimirtceva,E.A. 4953.
Vladutiu,A.O. 3096.
Vladyko,G.V. 5574.
Vlak,J.M. 7603.
Vlasenkova,N.K. 2963.
Vlasikhina,E.M. 4609.
Vlasimska,H. 6702.
Vlasov,Yu.I. 3339, 7486.
Vlasova,A.G. 2295.
Vlietinck,A.J. 4339.
Vnek,J. 1329.
Voelz,H.G. 6249.
Voevodin,A.F. 7534.
Voge,C.J. 7159.
Vogel,H.-M. 7324.
Vogel,H.M. 8249.
Vogel,R. 1799.
Vogel,T. 2120.
Vogt, P.K. 824.
Vogt,M. 4384, 8360.
Vogt,P.K. 312, 3854, 4182, 4678, 4880, 5111, 5455, 5801, 6341, 6831, 7593.
Vogt,V.M. 4018.
Vogten,A.J.M. 8313.
Voiculescu,C. 5414.
Vojtechovsky,K. 7296.
Voke,J. 8321.
Volckaert Vervliet,G. 1618.
Volckaert,G. 6234.
Volegova,G.M. 3209.
Volk,W.A. 4591.
Volken,R.H. 8228.
Volkert,M. 5049.
Volkl,W. 8433.
Volkov,V.O. 3213.
Volkov,V.V. 2222.
Volkova,T.M. 4760.
Vollenweider,H.J. 97, 1450.
Vollet,J.J. 4474, 5922.
Vollet,J.L. 394.
Vollet,J.L.,III 1864.
Volmer,J. 7324, 8249.
Volny,D. 1454.
Volodina, N.I. 349.
Volos,O.P. 682.
Volovitch,M. 48.
Volpin,A.E.A. 6615.
Volsky,D.J. 798, 3385.
von Bonsdorff,C.-H. 1390.
von dem Hagen,D. 3284, 3672, 5796.
von der Brelie,D. 6797.
Von Der Hude,W. 7848.
von Gabain,A. 3453.
Von Herzen,J.L. 4413.
von Hoyningen,V. 6388.
von Krogh,G. 8146.
von Lieres,D. 2247.
Von Mickwitz,C.-U. 7584, 7573.
von Wechmar,M.B. 4608.
von Zeipel,G. 5635, 7307.
Vonka,V. 924, 927, 975, 2288, 2764, 6361, 7767.
Vontver,L.A. 1083, 3266, 6609.
Vora,A.C. 59.
Vorbrodt,A. 4738.
Vorderman,A.L. 2580.
Vorkunova,G.K. 2907, 4944, 6276, 7092.
Vorkunova,N.K. 6275, 6276.
Vorndam,A.V. 5469.
Vorndam,V. 7592.
Vorob'eva,A.M. 2820.
Voronina,F.V. 593.
Voronkov,M.G. 8023.
Voronova,V.A. 5376.
Voroshilova,M.K. 7349, 1105.
Vorozhbieva,T.E. 5273, 5617.
Vortel,V. 421.
Vos,A. 977.
Vose,A. 7145.
Votselko,S.K. 5758, 6553.
Votyakov,V.I. 4334.
Vovis,G.F. 6187, 6377, 7026.
Vrzakova,A. 6656.
Vuillon-Cacciuttolo,G. 7393.
Vujkov,V. 8037.
Vukovic,B. 5007.

IRL©1979

Vulcan,V. 1420.
Vullo,C. 7341.
Vulturu,E. 4513.
Vuorimaa, T.O. 275.
Vurmova,D. 5289.
Vyas,G.N. 3098, 5954.
Vyazov,S.S. 1597.
Vyazov,S.O. 5747, 5751, 5945.

Wachendorfer,G. 8390, 1261, 1954, 5318, 5320, 5321, 8383.
Wachsmuth,E.D. 2008.
Wack,R. 7389, 8256.
Wackernagel,W. 7828.
Wada,A. 5744, 6891, 6892.
Wada,Y. 4485, 5314, 8287.
Wadell,G. 6142, 7167.
Wadso,I. 89
Waghmare,S.V. 6008, 6012.
Wagner,E.F. 4764.
Wagner,E.K. 6330, 7716.
Wagner,H. 3637, 8009.
Wagner,J.-A. 2735.
Wagner,J.A. 3529, 4156.
Wagner,R.J. 8417.
Wagner,R.R. 153, 666, 671, 2904, 4751, 6358, 6950, 7545, 7788.
Wah,L.T. 3191.
Wahba,A. 8201.
Wahren,B. 8176.
Wainberg,M.A. 3676, 3678, 5739.
Waite,M.R.F. 7539, 7739.
Wakabayashi,T. 111, 1466.
Wakamiya,T. 5452.
Wakamura,S. 5356.
Wake,C.T. 7031.
Wakimoto, S. 1284.
Wakimoto,S. 1295.
Walach,N. 4351.
Walbergh,E.J. 3600.
Wald,A. 908.
Waldeck,W. 72, 4096.
Waldman,A.A. 3564.
Waldman,R.H. 2989, 5655.
Wali, T. 117.
Walker-Smith,J. 1859.
Walker-Smith,J.A. 1862.
Walker,C.A. 2673.
Walker,D.H.,Jr. 6192.
Walker,D.L. 3108, 3981, 5888.
Walker,G.C. 1533, 2935, 4337.
Walker,J. 6991.
Walker,J.R. 1529, 3965.
Walker,J.S. 2821, 5762.
Walker,J.T. 6192.
Walker,M. 1202.
Walker,M.J. 90.
Walker,P.J. 1537.
Walker,R.T. 1000, 8039.
Walkey,D.G.A. 6120, 6824.
Wall,H.G. 6041.
Wallace,J. 1650, 2608.
Wallace,R.B. 7670.
Wallach,D. 6467.
Wallach,D.F.H. 5790.
Wallack, M.K. 305.
Wallbank,A.M. 2461, 3649.
Wallen,W.C. 3108, 4311.
Wallis,C. 1927, 2618, 5284.
Wallis,R.C. 1904.
Wallnerova,Z. 7337.
Walls,R. 3095.
Walter,A. 7570.
Walter,F. 7570.
Walter,G. 2957, 6448.
Walter,R. 4507.
Walter,S.D. 6676.
Walters,D.L. 7170.
Walters,J.H. 2632.
Walther-Mauruschat,A. 1411.
Walton,D.W. 3243.
Walton,J.R. 1797.
Walton,T.E. 4677.
Walz,M.A. 1244.
Walzl,H. 4631.
Wan,C.-W. 8022.
Wan,K.M.-M. 7539.
Wandeler,A. 8384, 7138.
Wandersman,C. 3434.
Wandner,G. 1873.
Wands,J.R. 1128.
Waner,J.L. 880, 952.
Wang,C.-T. 2923, 2926, 6394.
Wang,D.I.C. 7909.
Wang,E. 3338, 3696.
Wang,J.C. 114, 709, 7567.
Wang,J.K. 1851.
Wang,L.-H. 770, 2787, 5575.
Wang,S.H. 3916.
Wangelin,J.R. 1325.
Wani,S.P. 3562.
Wannamaker,L.W. 6446.
Wansbrough-Jones,M.H. 7191.
Ward, C.W. 205.
Ward,C.W. 3559, 4024, 4955, 7098.
Ward,D.C. 7579.
Ward,D.E. 2717.
Ward,K.P. 5903.
Ward,L.R. 834.
Ward,R.L. 290, 5282, 5283.
Ward,T.G. 6144.
Wardlaw,I.F. 2751.
Waring,M.J. 1977.
Wark,M.C. 5010.
Warnaar,S.O. 2802, 8137, 8159.
Warnatz,H. 5057.
Warner,H.B. 6037.
Warner,J.H.,Jr. 1982.
Warocquier,R. 819, 5295.
Warr,G.A. 6538.
Warrell,D.A. 2535, 3767.
Warrell,M.J. 5966.
Warren, R.H. 330.
Warren,K.G. 3169, 3849, 5571, 6910.
Warren,L. 1769.
Warren,R.A.J. 5589.
Warweg,U. 8307.
Waseem,M. 2702.
Wasi, C. 341.
Wasi,C. 8223, 8224.
Wasicki,H. 8035.
Wasmuth,E. 5406.
Wassarman,P.M. 3394.
Wasserfall,F. 183.
Wassilew,S.W. 1696, 7125.
Wasylyk,B. 121.
Watanabe,I. 401.
Watanabe,S. 118.
Watanabe,T. 84.
Watanabe,H. 1271, 2078, 3325.
Watanabe,I. 7559, 7673, 8392.
Watanabe,K. 2163.
Watanabe,K.A. 5068.
Watanabe,S. 6154.
Watanabe,Y. 135, 690, 2468, 2985, 6287, 7723.
Waterfield,M.D. 3408, 3410, 3561, 7013.
Waters,D. 1183.
Waterson,A.P. 7490, 5195, 6951.
Waterworth,H.E. 1290, 7503, 7605.
Waterworth,P. 3936.
Watling,D. 905.
Watrach,A.M. 5125.
Watrach,M.A. 5125.
Watson,A. 1971, 1984, 4374.
Watson,D.L. 5710.
Watson,J.M. 3505.
Watson,K.F 4808.
Watson,K.F. 6157, 7745.
Watson,R.J. 3460, 6992, 7046.
Watson,W. 3738.
Watson,W.A. 3685.
Watson,W.N. 7132.
Watsuji,K. 5076.
Watt,A.D. 4229.
Watt,J.A. 5205.
Watt,J.G. 8324.
Watt,R.G. 1196.
Watts,D.M. 8410.
Watts,J.W. 1443, 4838.
Waugh,M.a. 1915.
Weatherall,D.J. 5139.
Weatherbee,J.A. 7647.
Weathers,L.G. 4602.
Weaver,M.J. 2666.
Weaver,R.F. 4007.
Webb,A. 3421.
Webb,F.A. 3809.
Webb,H.E. 2007, 5326, 5337, 5338.
Webb,M.C. 4883.
Webb,P. 3383, 3760.
Webb,P.A. 3520, 3765.
Webber,C.E. 1218.
Weber,A. 7422.
Weber,F.G. 8035.
Weber,H. 1450, 4173.
Weber,J. 1477, 1535, 2224, 4786, 5514, 6385, 7708.
Weber,K. 1754.
Weber,L.A. 139.
Weber,M.J. 5116, 7199, 7226, 8087.
Webert,D.W. 4210.
Webster,M.H. 1096.
Webster,P.G. 6761.
Webster,R.E. 3445, 4754.
Webster,R.G. 884, 887, 2296, 3400, 3545, 3546, 5577, 5629, 6696, 7891.
Wechsler,S.L. 5410.
Weck,P.K. 4751, 6358, 7545.
Wecker,E. 6594.
Wecker,I. 389, 7292.
Wedderburn,N. 3317.
Weed,S.D. 5767.
Weedon,D. 1808.
Weeks,M.O. 8124.
Wege,H. 635, 2727, 2805, 2818, 7451.
Weglarz,A. 6405.
Wegmann,Ch. 6749.
Wegrzyn,R.J. 2092.
Wehrie,P.F. 3259.
Wehrly,K. 5144.
Weibel,R.E. 5663, 7148.
Weideli,H. 1637.
Weihing,R.R. 7647.
Weijer,K. 1779, 3129.
Weil,G. 1498.
Weil,M.L. 6732.
Weil,P.A. 7707.
Weil,R. 3943, 5087, 5088.
Weiland,E. 2498.
Weiland,F. 2264, 2498, 4990, 5045, 6948.
Weiland,L.H. 2520.
Weiland,O. 5030, 6516, 7868.
Weimar,W. 5654, 7919.
Weinack,O.M. 1686, 2006.
Weinberg-Zahlering,E. 4351.
Weinberg-Zahlering, E. 40, 623.
Weinberg,A.L. 7933.
Weinberg,M. 5927.
Weinberg,R.A. 3700, 3999, 4817, 7004.
Weiner, L.P. 9.
Weiner,A.J. 765, 3486.
Weiner,H.L. 3626.
Weiner,J.H. 2134, 6230.
Weiner,J.M. 8262.
Weinerman,B.H. 4278.
Weinmann,E. 6480.
Weinmann,R. 4789.
Weinstein,L. 7142.
Weintraub,H. 319.
Weippl,G. 1077.
Weisbeek,P.J. 4638.
Weisberg,R. 600.
Weisberg,R.A. 4860, 5560.
Weise,H.-J. 1887, 4275.
Weiser,I. 8430.
Weislow,O.S. 1029, 8119.
Weisman,J. 4911, 5334.
Weiss, R. 489.
Weiss,K.E. 7939, 7940.
Weiss,M. 3952.
Weiss,R.A. 4051, 5576, 8073.
Weiss,R.C. 3289.
Weiss,S.B. 611, 4758, 6548, 6896, 7695.
Weiss,S.R. 766, 2898.
Weissbach,A. 2763, 5532.
Weissbach,H. 5518.
Weissenbacher,M.C. 940, 6099.
Weisshuhn,I. 6407.
Weissman,C. 4080.
Weissman,I.L. 3131, 6592, 8112.
Weissman,S.M. 123, 1367, 4101, 4781.
Weissmann,C. 813, 4173, 6970, 7810.
Weith,H.L. 4679.
Weitzman,S. 4517, 7309.
Wekerle, H. 266.

Welch, J.B., III 68, 69.
Welch,W.J. 5533.
Weldon,S.L. 6052.
Welham,R.A.N. 8191.
Welke,G. 2390.
Wellemans,G. 2946, 3061.
Weller,T.H. 880, 4466.
Wellinghoff,W. 4923.
Wellish,M. 3638, 6185.
Welliver,R.C. 2431, 8012.
Wells, P.W. 246.
Wells,M.A. 3634, 4323, 7185.
Wells,P.L. 2852.
Wells,P.W. 939, 2365, 5660, 5701.
Wells,R.D. 6973, 6974.
Wells,R.S. 5686.
Welsh, R.M., Jr. 271.
Welsh,M.F. 2027.
Welsh,R.M., Jr. 6530.
Welte,M. 8408.
Wendel,E. 8092.
Wendelschafer Crabb,G. 8050.
Wendling,F. 3132.
Wendt,F. 8024.
Wener,J. 5615.
Wenger,S.L. 4980.
Wengler,G. 1490, 7741.
Wenk,M.L. 5154.
Wentworth,B.B. 3045.
Wentworth,P. 7304.
Wenzel,J. 8059.
Wenzel,R.P. 4456, 8214.
Wenzl,J.E. 6610.
Werboski,L. 3649.
Weremowicz,S. 3374.
Werenne,J. 212.
Wermenbol,A.G. 1841.
Werner,B.G. 1129, 6606.
Werner,G.H. 2440.
Werner,G.T. 992, 7384.
Werner,J. 918, 1009, 7944.
Wernery,U. 4919.
Wernet,P. 6573.
Wertheim van Dillen,P. 2550.
Wertheim,P. 4792.
Wertz,G.W. 4683.
Wesley,A. 978, 1721, 3635.
Wesslen,L. 6425.
Wesslen,T. 7307.
Wessling,E. 1959.
West,D.K. 6463.
West,R.R. 5171.
West,W.H. 7915.
Westaway,E.G. 6338.
Westbrook,K. 7739.
Westbury, H.A. 482.
Westbury,H.A. 980, 7410.
Westenbrink,F. 5836, 6936.
Westermann,P. 7649.
Westermarck,H. 2472.
Westley,C.R. 2659.
Westmore,G.A. 2593.
Westoo,A. 4649.
Westphal,G. 8035.
Westphal,H. 1377.
Weststeijn,E.A. 3348.
Westwood,J.C.N. 8280, 3218.
Wettstein,F.O. 6557.
Wewalka,F. 5620.
Weyhe,D. 1962, 8361.
Weymouth,L.A. 6997.
Whaley,W.G. 6965.
Whalley,J.M. 1218.
Wheatley,T. 3182.
Wheeler,J.G. 4524.
Wheeler,J.R.C. 7945.
Wheeler,T. 732.
Wheelock,E.F. 6527.
Whelan,G. 409, 3771.
Whenham,R.J. 2059, 6803.
Whetsell,W.O.Jr. 5445.
Whitaker,J.A.,III 1084.
Whitcutt,J.M. 7523.
White,C. 209.
White,C.N. 4961, 4973.
White,D.O. 1697, 4955.
White,E. 1895.
White,G.P. 6403.
White,J. 1148.
White,J.A. 5491.
White,J.D. 1258.
White,J.L. 1515, 4147, 4150.
White,J.M. 3561.
White,M.K. 3760.
White,P.A. 4107.
White,R.F. 3914.
White,R.H.R. 5905.
White,R.T. 2884.
White,Y. 5269.
Whitechurch,O. 6922.
Whitehair,C.K. 2730.
Whiteland,A.P. 2961.
Whitelaw,D.D. 7156.
Whiteley,H.R. 4083.
Whiteley,M.H. 3427.
Whitenack,D.L. 2730.
Whitfield,J.F. 317.
Whitfield,S.G. 3420.
Whitford,H.W. 3286.
Whitley,R.J. 1703, 2795, 3645, 4335.
Whitlock,V.H. 5350.
Whitmire,R.E. 1255.
Whitney, J.E. 373.
Whitney, R.A., Jr. 543.
Whitney,J. 5009.
Whitney,R.A.,Jr. 8364.
Whittaker,B.L. 7830.
Whittier,F.C.,Jr. 6491.
Whittington,E.S. 2803.
Whittle,H.C. 1722, 5184.
Whorwell,P.J. 1108.
Wiahadiredja,R.M.S. 540.
Wibberley,G. 3684.
Wicke,L. 2615.
Wickner,R.B. 8431, 92, 3912.
Wickner,S.H. 7671.
Wickner,W. 6303.
Wiebe,K. 5682.
Wiebe,M.E. 5468.
Wiebe,R.A. 912.
Wiebers,J.L. 2106.
Wiedermann,G. 1707.
Wiegers,K.-J. 4036.
Wieland,T. 7728.
Wielopolska,H. 2570.
Wiener,F. 324.
Wieringa Brants,D.H. 6140.
Wiersbitzky,S. 2372.
Wiesner,H. 4540.
Wietzerbin,J. 1612, 2970, 7893.
Wigand,R. 2285, 4906, 5760, 6409.
Wigdahl,B.L. 132, 1002.
Wiger,R. 1144, 3794.
Wiggins, D.S. 302.
Wigglesworth,N. 5798.
Wiggs,J.L. 6312.
Wigler,M. 5563.
Wigmore,D.J. 2121.
Wigzell,H. 6479.
Wijffelman,C. 81.
Wikstrom,J. 1181.
Wiktor,T. 3036, 5679, 7967.
Wiktor,T.J. 2966, 7944.
Wilber,R. 8209.
Wilcox,G.E. 6043.
Wilcox,K.R.,Jr. 3045.
Wilcox,T.A. 4731, 8419.
Wilczynski,J. 4243, 6780, 7141.
Wild,P. 2864.
Wild,T.F. 5295, 7769.
Wildenhoff,K.E. 8334.
Wildner,T. 7963.
Wildy,P. 5069, 6762.
Wilesmith,J.W. 1776, 6579.
Wiley,D.C. 3554, 3555.
Wilhelm,A. 1958, 7407.
Wilhelm,J.M. 6328.
Wilke,I. 2250.
Wilken,H. 3731, 8234.
Wilkes,T.J. 7355.
Wilkes,W.J. 2274.
Wilkie,N.M. 176, 622, 820, 822.
Wilkinson,L. 7490.
Wilkins,P.W. 6801.
Wilkinson,G.T. 7313.
Wilkinson,B.J. 4061.
Wilkinson,J.B. 5079.
Wilkinson,J.D. 2022.
Wilkinson,R.W. 1653.
Wilkinson,S.P. 5940.
Willecke,K. 5537.
Willems,J. 7117.
Willems,W.R. 5919, 5925.
Willers,H. 3245, 5213, 5989.
Willetts,N. 3446.
Willetts,N.S. 4164.
Williams,G.R. 232.
Williams,R. 283, 284.
Williams,S.R. 530.
Williams Smith,H. 3501.
Williams,A. 3547.
Williams,A.S. 2684.
Williams,B.B. 3737.
Williams,B.G. 4167.
Williams,B.R.G. 4973.
Williams,C.J. 7621.
Williams,D.C. 5579.
Williams,D.R. 5009.
Williams,E.H. 8302.
Williams,G.L. 2454, 2455.
Williams,J. 2225.
Williams,J.I. 2883, 6906.
Williams,K. 1150, 7101.
Williams,K.R. 112, 7677, 7678.
Williams,M.C. 3382.
Williams,R. 1060, 1725, 1726, 1826, 4330, 4504, 5269, 5940, 5994, 7150, 7191, 8255.
Williams,R.C. 7569.
Williams,R.E. 5457.
Williams,R.J.,Jr. 5028.
Williams,R.M. 2729, 5742.
Williams,R.W. 7608.
Williams,T.H. 320.
Williams,W.W. 8354.
Williamson,D.L. 2814.
Williamson,J.D. 4726.
Williamson,R. 6216.
Willingham,M. 310.
Willis,W.F. 2662.
Willitzer,H. 5757.
Willmott,E.E. 1892.
Wills,A. 7983.
Wills,W. 8379.
Willumsen,B.M. 5129.
Wilson, G.L. 955.
Wilson,E.L. 3675, 8082.
Wilson,G. 4792, 6872.
Wilson,G.G. 7850.
Wilson,H.J. 3349.
Wilson,I.J. 6021.
Wilson,J.B. 2557.
Wilson,J.D. 6721.
Wilson,J.H. 3455, 7031.
Wilson,M.C. 4107, 4665.
Wilson,M.R. 1680, 6063.
Wilson,P.R. 1851.
Wilson,R. 6732.
Wilson,R.W. 6689, 6904, 6946.
Wilson,T. 6270, 6273.
Wilson,T.M.A. 803.
Wilson,W.A. 3186.
Wilson,W.D. 8396.
Wimberly,I. 1053.
Wimmer,E. 47, 632, 651, 1389, 2137, 4674, 4676, 7590.
Winchurch,R.A. 7898.
Windass,J.D. 7662.
Windle-Taylor,E. 5251.
Winegar,A. 7140.
Winkelhake,J.L. 6055.
Winkelmann,G. 2491.
Winkelstein,J. 970.
Winkelstein,J.A. 3078.
Winkle,S. 7920, 8272.
Winkler,F.K. 2132.
Winkler,M. 1958.
Winkler,W.G. 6689.
Winnacker,E.-L. 1368.
Winocour,E. 4778.
Winship,T.R. 4052.
Winston,S.H. 6180.
Winston,V. 6845.
Winter,C. 3266.
Winter,H. 8038.
Winter,M. 5996.
Winterbourne, D.J. 301.
Winterfield,R.W. 4289, 5017.
Winterhoff,U. 6985.
Winters,W.D. 2158.
Winward,L.D. 4539, 7201.
Wirahadiredja,R.M.S. 6101, 4921, 6062, 6100.
Wiranowska-Stewart,M. 1611, 893.
Wirjawan,E. 5760.
Wirth,D.F. 4022, 6337, 6555.
Wisdom, J. 479.
Wise,G. 8232.
Wise,K.S. 1394.
Wise,T.N. 1076.
Wiseman,A. 1963, 5312.

IRL©1979

Wiseman,R.L. 4695.
Wisnieski,B.J. 4028, 6952.
Wisniewski,H.M. 6529.
Wit,A.J. 4581.
Witham,F.H. 6804.
Witkiewicz,H. 2869.
Witkin,S.S. 2902, 8160.
Witkowski,J.T. 994, 997.
Witkowski,W. 7119.
Witlowski,J.T. 5074.
Witmer,H. 713, 3450.
Witney,G. 1305.
Witte,O.N. 4022.
Wittek,R. 628, 1371, 6235.
Witter,R.L. 956, 1684, 5696, 7152, 7153, 8081.
Wittmann, G. 242.
Wittmann,G. 5012.
Wittmann,W. 1688, 2470, 5811.
Witz,J. 677, 5488.
Wivel,N.A. 4966, 8069, 8097.
Wiygul,G. 2739.
Wladyka,W. 2639.
Wodnar Filipowicz,A. 4841.
Wohl,M.E.B. 3733.
Wohlenberg,C. 5765, 7816.
Wohlhieter,J.A. 2917.
Wolanski,B. 3857.
Wold,B. 5563.
Wold,W.S.M. 738, 2209, 3991, 4385, 4664, 4698, 5160, 6322.
Wolf,B.A. 1019, 1772.
Wolf,G. 5090.
Wolf,K. 2144, 5400.
Wolf,P.A. 6726.
Wolf,R. 6488.
Wolfe,L.G. 451, 5402.
Wolff,D.A. 6170.
Wolff,H.H. 7381.
Wolff,J.S. 5774.
Wolff,K. 6524.
Wolff,L.H. 5814.
Wolff,M.H. 4700.
Wolinsky, J.S. 542.
Wolinsky,J.S. 7176, 8353.
Woll,J.E. 6633.
Wollert,W. 3473.
Wollheim,C.B. 5088.
Wolman,I.J. 3008, 3014.
Wolpert,E. 1878.
Wolpow,E. 4517.
Wolser,G. 5512.
Wolters,G. 6436.
Wong,Y.W. 427.
Wong-Staal,F. 2502, 5839.
Wong,M. 2162.
Wong,P.K.Y. 4848, 5125.
Wong,R.L.C. 7913.
Wong,T.C. 1495.
Wong,T.K. 734.
Wong,V.C.W. 4500.
Wong,Y.W. 8290.
Wood, O.L. 515.
Wood,B.P. 1113.
Wood,B.T. 5881.
Wood,D.A. 6061.
Wood,D.D. 2672.
Wood,G.A. 3353, 6132.
Wood,G.W. 944, 7066.
Wood,J.M. 6497, 7078.
Wood,K.R. 1282.
Wood,P.A. 5714.
Wood,W.B. 647, 4155.
Woode, G.N. 245, 513.
Woode,G.N. 1957, 2069, 2692.
Woodfield,D.G. 6721.
Woodford,P.C. 6144.
Woodruff,A.W. 1824.
Woods,D.R. 6264.
Woods,R.D. 2417, 3323, 3914, 6852.
Woodward,C.G. 1264, 3969.
Woodworth Gutai,M. 3986, 3987.
Wookey, C. 360.
Wooley,R.E. 6052.
Woolf, I.L. 284.
Wosu, L.O. 410.
Wotton,S.F. 4896.
Wreghitt, T.G. 388.
Wreghitt,T.G. 1059.
Wright,L.L. 529.
Wright,R. 446.
Wright,A. 5510.
Wright,A.I. 7404.
Wright,E.C. 2996.
Wright,J. 8190.
Wright,L.L. 3412.
Wright,N.D. 1738, 5079.
Wright,P. 1211.
Wright,R. 1108, 5315.
Wright,R.A. 4463.
Wright,S.E. 2822.
Wright,S.G. 4439.
Wrigley,N.G. 3550.
Wrobel,D. 3252.
Wrobel,D.W. 447.
Wroblewska,Z. 3169, 3638, 5571, 6185.
Wu,B.C. 7978.
Wu,C.-W. 715, 1452.
Wu,F. S. 1347.
Wu,J.-L. 172.
Wu,K. 620.
Wu,M. 613, 2137, 7611.
Wu,N.C. 5823.
Wu,P. 2518.
Wu,P.C. 5217, 7267.
Wu,R. 1366, 3979, 4656, 6926.
Wuepper,K.D. 5891.
Wulff,D.L. 5553.
Wulff,H. 3421, 3521, 3760, 3809, 5260.
Wunderli,W. 4810, 6213.
Wunderlich,V. 775, 5628.
Wunner,W.H. 1320.
Wurapa, F.K. 238.
Wurtz,M. 7018.
Wustrow,F. 1816.
Wuu,K.-D. 328.
Wyatt,H.V. 1658, 5198, 5199.
Wyatt,R.D. 5333.
Wyatt,R.G. 2124, 2257, 2577, 2728, 3228, 3229, 3789, 5882, 6416, 6502, 8228, 8229.
Wyatt,S.D. 2042, 6122.
Wybran,J. 309.
Wyde,P.R. 974, 3090.
Wyeth, P.J. 217.
Wyeth,P.J. 1649, 5700.
Wyke,J. 7035.
Wyke,J.A. 1500.
Wyke,R.J. 5269.
Wyld,S.G. 2870.
Wyler,B. 1371.
Wyler,R. 628, 2335, 2862, 2864, 6235, 6461, 6462.
Wyman,J.A. 8461.
Wyn-Jones,A.P. 3787.
Wysocki,G.P. 5159.
Wysokinska,T. 4212.
Wyszynska,T. 8260.

Xirouchaki,E. 1821.

Yabe,Y. 7631.
Yabuki,S. 6892.
Yachida,S. 1328.
Yadav,R.B. 6506.
Yadin,H. 943.
Yagi,M.J. 2096, 2804.
Yahno,M. 6453.
Yakhno,M.A. 4944, 4953.
Yakhontov,L.N. 5078.
Yakovlev,V.N. 4837.
Yakovleva,L.A. 5048, 5122.
Yakovleva,L.S. 4908.
Yakubova,R.M. 6382.
Yamada, A. 491.
Yamada,A. 4607.
Yamada,F. 6640.
Yamada,H. 3391.
Yamada,K. 21, 3568.
Yamada,M. 237, 4749.
Yamada,Y. 7022.
Yamaguchi,H. 3185.
Yamaguchi,K. 8423.
Yamaguchi,N. 3660.
Yamaguchi,T. 6195.
Yamaguchi,Y. 7925.
Yamaizumi,M. 6181, 6281, 6940, 6954.
Yamakawa,K. 6802.
Yamakawa,M. 754.
Yamamoto,H. 3.
Yamamoto,R. 8374.
Yamamoto,A. 694.
Yamamoto,H. 8294.
Yamamoto,I. 4622.
Yamamoto,K. 1428.
Yamamoto,K.R. 4142.
Yamamoto,M. 5582.
Yamamoto,N. 2917, 2959, 4208, 5422, 8063.
Yamamoto,R. 7990.
Yamamoto,S. 4327.
Yamamoto,T. 1405, 1552, 1768, 3328, 6241, 6776, 8127.
Yamamoto,Y. 5639.
Yamane,N. 1152, 3876, 7433, 7824.
Yamanishi,K. 4746, 5744, 7654.
Yamanochi,K. 6109.
Yamanouchi,K. 3900.
Yamashiro,T. 6016.
Yamashiroya,H.M. 1080.
Yamashita,H. 6369.
Yamashita,M. 6914.
Yamashita,T. 6984.
Yamaura,K. 7925.
Yamazaki,Y. 5118.
Yamkovoy,V.I. 5524.
Yamnikova,S.S. 781, 4943, 5471, 6918.
Yanagawa,R. 1233, 7432.
Yanagida,M. 2911.
Yanase,Y. 6259.
Yanenko,A.S. 4888.
Yang, R.C.A. 33.
Yang,C. S. 3960, 6603.
Yang,J. 5153.
Yang,N. S. 4393.
Yang,R.C.A. 1366, 3979, 4656.
Yang,S.S. 8069.
Yang,T.J. 4912.
Yang,W. K. 3377.
Yang,W.K. 1026, 2486.
Yang,Y.H.J. 7250.
Yaniv,A. 4681, 5104, 6345.
Yaniv,M. 730, 3403, 4104, 5569, 6979, 7699.
Yanofsky,C. 7796.
Yanovich,S. 3435.
Yantorno,C. 1589.
Yap, T.C. 552.
Yap,K.L. 3573, 5630, 7164.
Yarmolensky,I.S. 5945.
Yarmolinsky,M. 4170.
Yaron,R. 1863.
Yaroslavskaya,L.A. 438.
Yarovoy,P.I. 1145.
Yarovslavskaya,N.V. 910.
Yarranton,G.T. 5495.
Yarus,M. 4086, 4643.
Yasbin,R.E. 3503.
Yasin,A.E. 5747.
Yasmineh,W.G. 8206.
Yasuda,I. 1012.
Yasuda,S. 2265.
Yatagai,F. 7638.
Yates,J.L. 4071.
Yates,V.J. 5711, 6975.
Yatsina,A.A. 2906, 3430.
Yatsyna,A.A. 5543.
Yatziv,S. 3165.
Yau, J.T. 85.
Yavorkovskaya,E.K. 4925.
Yeager,A.S. 7331.
Yealland,S.J. 6644.
Yearian,W.C. 3327.
Yeater,C. 2201, 5804.
Yee,C.L. 3067.
Yee,D. 6207.
Yefenof,E. 1446, 8113.
Yefimova,L.Y. 6311.
Yefimova,L.Yu. 2876.
Yeger, H. 158.
Yeger,H. 4849.
Yeh,J. 3119.
Yeh,Y.-S. 3960.
Yeller,R.M. 432.
Yelton,D.B. 6249.
Yen,G.S.L. 1536.
Yetts,R. 6497.
Yildiz,A. 7989.
Yilma,T. 794.
Yim,O. 8066.
Yin,J. 3481.
Ylikoski,J. 2546.
Yoffe,R. 1139.
Yohn,D.S. 2464.
Yokoo,H. 5902.
Yokota,M. 686, 5091.

Yolken,R.H. 1860, 2257, 3228, 5882, 6416, 6502, 8229.
Yonaiyama,K. 7557.
Yonehara,S. 207.
Yonemichi,H. 505.
Yonezawa,T. 3169.
Yoon, J.-W. 534.
Yoon,J. W. 585, 2091, 3890, 7305.
Yoon,J.W. 3891.
Yoonessi,S. 5722.
Yorke,J.A. 5236.
Yoseph,R. 2746.
Yoshida,A. 5014.
Yoshida,M. 5805, 6914, 8076, 8077.
Yoshida,N. 2958.
Yoshida,T. 1403, 4852, 4853.
Yoshii,S. 4852.
Yoshii,T. 1744.
Yoshikawa,H. 5123, 5729, 6383, 7070, 7133, 7177.
Yoshikawa,K. 7542.
Yoshikawa,T. 5123.
Yoshikawa,Y. 3900.
Yoshiki,T. 7235.
Yoshikura,H. 1343, 1784, 4367, 5132.
Yoshimura,F. 5535.
Yoshimura,F.K. 3999.
Yoshimura,N. 6168.
Yoshinaga,K. 8295.
Yoshinaka,Y. 6253, 7097.
Yoshino,K. 1599, 2252.
Yoshizawa,H. 4949.
Yoshizawa,K. 6640.
Yoshizumi,H. 5413.
Yot,P. 48, 6924.
Young, B.G. 955.
Young, D.V. 302.
Young,A.W.,Jr. 4415.
Young,B. 3011.
Young,B.R. 5492.
Young,E.R. 7550.
Young,E.T. 116, 1468.
Young,H.A. 5154, 7758, 8124, 8132.
Young,J.F. 4773, 4774.
Young,K. 3035.
Young,K.K.Y. 7850.
Young,P.R. 1537.
Young,R.L. 6022.
Young,S.Y., III 3327.
Youngner,J.S. 10, 2975, 7896, 7923.
Youtsey,C.O. 4584.
Ysebaert,M. 4662.
Yu chin,S. 1064.
Yu,M. 3676
Yuan,E. 4881.
Yuan,W.C. 4945.
Yuasa,N. 243.
Yuasa,Y. 1008, 1768, 8127.
Yudin,A.I. 3331.
Yuen,W.S. 6859.
Yuferov,V. 143.
Yuill, T.M. 516.
Yun,T. 7805.
Yura,T. 2933, 6400.
Yurgajtis,A.P. 6233.
Yushkevich,S.B. 7325.
Yuxuan,Z. 8248.
Zabala Suarez,J.F. 5310.
Zabel,P. 2810, 3477.
Zabriskie,J.B. 5055.
Zaccaria,A. 6601.
Zach,E. 6580.
Zachrau,R.E. 2526.
Zadic,Z. 3201.
Zadura,J. 1564, 3057, 7075.
Zagorski,W. 695.
Zagorye,I.V. 5581.
Zaharia,C.N. 5485.
Zaharyev,V.M. 615.
Zahler,S.A. 2937.
Zahn,R.K. 6284, 8025.
Zahorska,R. 2405.
Zahradnik,J.M. 8171, 7286.
Zaichikov,E.F. 701.
Zaides,V.M. 571, 3474, 4704.
Zaidi,A. 7275.
Zaidi,A.A. 6855.
Zain,S. 5530.
Zairov,G.K. 1597, 5945.
Zaitlin,M. 1408, 1410, 2039.
Zakay-Rones,Z. 4562.
Zakharova,L.G. 5627.
Zakharyin,Yu.L. 4995.
Zakhour, H.D. 375.
Zakopal,J. 6581.
Zakstel'skaya,L.Ya. 1149.
Zakstelskaja,L.Ja. 4944.
Zakstelskaya,L.Ya. 1400, 4943, 5471.
Zalan,E. 7943.
Zalay,E.S. 2454.
Zalite,M.V. 3953.
Zalmanson,E.S. 5096.
Zalmanzon,E.S. 1478.
Zam,Z.S. 1698.
Zamacona,G. 848.
Zamchuk,L.A. 7574.
Zamir,R. 5248.
Zamola,B. 2023.
Zan Kowalczewska,M. 4841.
Zanacchi,P. 4231.
Zanetti,A. 8019.
Zanetti,A.R. 285, 3251, 5619, 6455, 6540, 7367.
Zang,K.D. 7259.
Zanga,J.R. 4280.
Zangrossi,S. 5592.
Zapata,M.T. 1589.
Zapikian,A.Z. 7308.
Zaradova,H. 975.
Zaretskii,I.Z. 211.
Zaretsky,I.Z. 4957.
Zarley,C.D. 1560.
Zarling, J.M. 261.
Zarling,D.A. 4374, 6174.
Zarling,J.M. 2979.
Zarnow,H. 1177.
Zaror,L. 5475.
Zaslavskaya,R.M. 6649.
Zaslavsky,V. 2191.
Zastavny,I.V. 1736.
Zastavnyj,I.V. 5066.
Zavada,J. 5610.
Zavadova,H. 924, 927, 2288, 5361.
Zavadova,Z. 5610.
Zavate,O. 1918.
Zavelishko,A.F. 5993.
Zavizion,B.A. 1369, 4650.
Zawatzky,R. 5648.
Zaychikov,E.F. 28.
Zazinko,L.A. 6919, 6920.
Zbitnew,A. 5604, 7943.
Zdanov,V.M. 4944, 4953.
Zdanovskaya,N.I. 4264.
Zech,L. 8066.
Zechel,K. 2866.
Zee,Y.C. 4062.
Zeelon,E. 3952.
Zeevi,M. 5548.
Zeidman,L. 8128.
Zelinka,J. 599.
Zelinkova,E. 599.
Zeller,N.K. 1044.
Zemljanskij,V.V. 2168.
Zentgraf,H. 2784.
Zerbini,M. 3461, 7786.
Zettler,F.W. 5384.
Zezyukin,A.I. 3337.
Zgorniak-Nowosielska,I. 6091.
Zgorzelska,K. 4243.
Zhdanov,V.M. 211, 571, 781, 1149, 1597, 2079, 2963, 3430, 3604, 3820, 4704, 4943, 4969, 5214, 5471, 5627, 5747, 6885, 6918, 7092, 7884.
Zhdanova,N.S. 4626.
Zherdeva,A.I. 2726.
Zhevandrova,V.I. 7129.
Zhikhareva,G.P. 5078.
Zhilenkov,E.L. 1436.
Zhilina,N.N. 1597, 3524, 5945.
Zhilova,G.P. 923.
Zhmurov,V.I. 6651.
Zhudina,A.I. 8138.
Zhuk,E.B. 438.
Zhumanbaev,K.A. 2669.
Zhuravel,T.F. 4049.
Zhuravetskaya,N.I. 1412.
Ziaja,G. 6641.
Zieg,J. 4206.
Ziegler,D.K. 2587.
Ziegler,G.B. 4447.
Ziegler,J.L. 1093.
Ziegler,R.J. 6868.
Zielinski,U. 8035.
Ziff,E. 739, 4786, 6326.
Ziff,E.B. 2885.
Zigic,B. 5285.
Zilberstein,A. 2974.
Zilker,T. 4448.
Zimak,V. 8184.
Zimber,A. 5104.
Zimmer,C. 7573.
Zimmer,R.C. 3920, 6819.
Zimmer,S. 2278.
Zimmer,S.G. 740.
Zimmerman,D.R. 3265.
Zimmerman,H.J. 2996.
Zimmerman,S. 7140.
Zimmerman,S.W. 1051.
Zimmermann,T. 4919.
Zimmern,D. 42, 6333.
Zimmet,P. 2643, 3828, 4499, 8315.
Zindel,W. 6749.
Zinder,N.D. 4636, 6187, 6377, 7026.
Zinkernagel,R. 5037.
Zinkernagel,R.M. 254, 2438, 3630, 4300, 5709, 6505, 6530.
Zinkevich,V.E. 4163.
Zinn,K.-H. 8145.
Zinner,S.H. 5864.
Ziola, B.R. 275.
Ziola,B. 853, 1601, 2807.
Ziola,B.R. 1570.
Zioleck,M. 6752.
Ziolkowski,C.H.J. 7813.
Ziomek,E. 7323.
Zion,T.E. 2580.
Zipkin,C. 5922.
Zipori,P. 4076, 4756, 4757.
Zipser,D. 5561.
Zirin,H.J. 5909.
Zissis,G. 3228, 3780, 6660.
Zlatkin,I.V. 6374.
Zlotnick,A. 3642.
Zmudzinski,J. 4519, 7421.
Zmushko,L.S. 7835.
Zoch-Zwierz,W. 1693.
Zograf,O.N. 4032.
Zoller,B. 8319.
Zollinger,M. 2172.
Zolotarskay,E.E. 4049.
Zolotaya,R.D. 6649.
Zoon,K.C. 2320, 7113, 7908.
Zopel,P. 7570.
Zorzopulos,J. 53, 88, 4058.
Zotter,S. 5857.
Zotter,St. 8161.
Zourbas,J. 1666, 7312.
Zouzias,D. 8052.
Zsak,L. 7072.
Zschiesche,W. 996.
Zsigray,R.M. 7228.
Zubler,R.H. 1125.
Zucca,M. 4260.
Zucker,R.M. 5823.
Zuckerman, A.J. 523.
Zuckerman,A.J. 5444, 285, 1592, 1920, 2153, 2636, 2714, 3254, 3570, 3903, 5269, 5412, 5994, 6455, 7149, 7327, 8318.
Zuckerman,E.E. 4361.
Zuckerman,G.R. 2612.
Zuev,V.A. 3321.
Zugehor,M. 1067.
Zuinghedau,J. 1691, 5093, 7970.
Zulauf,M. 662.
Zundel,J.-L. 7204, 8049.
zur Hausen,H. 3712, 4657, 5422, 6507, 6977.
Zur Hausen,H. 7582.
zur Hausen,H. 8063.
ZuRhein,G.M. 3108.
Zuyderhoudt,F.M.J. 3202, 3528.
Zuzarte,J.C. 2277.
Zuzenkova,E.P. 2222.
Zvolensky,M. 6616.
Zvonarev,A.Y. 6219.
Zweerink,H.J. 3412.
Zweig,M. 2794, 4699.
Zweighaft,R.M. 5881, 6683.
Zweiman,B. 1183.
Zweng,M. 5972.
Zyabkina,A.G. 1730.
Zygraich,N. 3060, 7160.

IRL©1979

Subject Index

Σ virus,
morphogenesis/structure, Drosophila, review 2829.

A-type particles,
activation, cell lines, mice, uridine (5′-iodo-2′-deoxy)/dexamethasone 1781.
detection, immunocytoma, rats 1802.
DNA, occurrence, mammary gland tumour cells, mice 8069.
endogenous, induction, adenovirus (human) 12, tumour cells, mice, electron microscopy 2485.
mammary tumour virus, antibodies, detection, breast tumours, man 1819.
Mus musculus, RNA nucleotide sequence homology-endogenous oncornavirus, Mus cervicolor 6215.
precursors-mammary tumour virus cores 159.
A-type virus,
endogenous, activation, adenovirus (human) 12 induced tumours, mice 8056.
induction, streptozotocin, associated-insulitis/pancreas, mice 2729.
production, role-microtubules, CHO cells 8092.
proteins, electrophoresis/isoelectric focusing 2799.
Abelson leukaemia virus,
antigen (leukaemia-associated), characterization 882.
induced lymphoma cell lines, histocompatibility antigen H-2 incompatible lymphocytes response, mice 270.
induced lymphosarcoma, immunoglobulins production, mice 8097.
induction-leukaemia cell lines, mice, in vitro, continuous culture 8103.
induction-lymphoma, mice 1040.
RNA translation, Xenopus laevis oocytes 1505.
transformed bone marrow cell lines, mice, immunoglobulins secretion 5149.
transformed cell lines, hamsters/mice, lymphocytes B precursors characterization 6599.
transformed macrophages cell lines, mice, characterization 1039.
Abomasum,
lesions, pathology, cattle juveniles, coronavirus/Escherichia coli/rotavirus ± Escherichia coli experimental infection 5336.
Abortion,
aetiology/diagnosis, cattle 477.
bovine rhinotracheitis virus aetiology, cattle 6049.
cattle, association-bovine diarrhoea-mucosal disease virus + herpesvirus (bovine) infection, case reports 3865.
diagnosis, cattle 474.
man, association-H1 virus/X-14 virus antibodies 2548.
Abscisic acid,
detection, Oryza sativa, rice tungro virus infection 5361.

Abutilon infectious variegation virus,
isolation/identification, Gossypium hirsutum, India 2047.
Accipiter virgatus gularis,
paramyxovirus isolated, antigenic characteristics/pathology-chickens 4245.
paramyxovirus isolation/characterization 3.
Acetabularia,
cells, adenovirus (human) 2 DNA expression 4110.
cytoplasm, mengovirus RNA translation 754.
cytoplasm, tobacco mosaic virus RNA translation 2910.
tobacco mosaic virus protein biosynthesis/RNA biosynthesis 4840.
N-Acetyl-2-fluorenylacetamide,
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Acetylcholine,
membranes receptors, cell lines derived from central nervous system, rabies virus persistent infection effects on 4623.
receptors, metabolism, embryo fibroblasts, chickens, Rous sarcoma virus transformation effects on 3681.
Acetylcholinesterase,
activity, erythrocytes, man, adenovirus (human) induced haemagglutination effects on 3551.
N-Acetylmuramoyl-L-Alanine amidase,
characterization/isolation, phage Vi lysate, Salmonella typhi 1469.
N-Acetylneuraminic acid,
detection/role-adsorption, cells, measles virus 683.
Acholeplasma,
mixed infection-parvovirus, pathogenicity, geese 1993.
Acholeplasma laidlawii,
Mycoplasmatales virus laidlawii 3 isolates infected, intracellular viruses, electron microscopy 2870.
viruses, incidence/properties/replication/ultrastructure, review 2813.

Mycoplasmatales virus-laidlawii persistent infection 844.
Achromobacter,
stationary phase, phage α3a replication 6264.
Acids,
damaged phage φX174, DNA repair 170.
precipitation, effects on viruses antibodies levels, ascitic fluid, mice 2249.
Acranil dihydrochloride,
induction-interferon, effects on Trypanosoma equiperdum infection, mice 4974.
Acridine,
dyes, inactivation-pseudorabies virus, effects on antigenic characteristics 5482.
4′-(9-Acridinylamino)methanesulfon-m-anisidide,
inhibition-viruses DNA polymerase (RNA-dependent) 761.
Acrylic acid,
copolymers-maleic anhydride, antiviral activity/effects on interferon production in vitro/in vivo, correlation-molecular weight, absence 3099.
Acrylonitrile,
effects on adenovirus (simian) 7 transformation-embryo cells, hamsters 8058.
Actin,
content/organization, Kirsten sarcoma virus transformed kidney cell culture, rats 330.
identification, rabies virus proteins 1397.
role-communication, cell surface/intracellular measles virus antigens 7887.
Actinomycin,
effects on interferon superinduction, poly (I.C), fibroblasts, man 1621.

Actinomycin D,
effects on avian myeloblastosis virus RNA biosynthesis/DNA biosynthesis, transformed cells 1494.
effects on cucumber mosaic virus infection, Cucumis sativus 1282.
effects on herpes simplex virus 2 surface antigen expression, transformed cells 2958.
effects on influenza A virus protein biosynthesis, embryo cells, chickens 3474.
effects on influenza virus RNA transcription products accumulation, nuclei, MDCK cells 4145.
inhibition-coronavirus 229E replication 3646.
inhibition-cowpea mosaic virus RNA biosynthesis 4148.
inhibition-cytomegalovirus replication, lung embryo cells, man 3461.
Action potential,
heart cells, herpes simplex virus 1 infection effects on 4613.
Activated sludge,
enteroviruses assays 425.
Acupuncture,
risks-hepatitis B virus transmission, man 1923.
Acylase,
cobalt activated, characterization, man, hepatitis 7323.
1-Acyl-2-Chloro-3-Formylindoles,
thiosemicarbazone derivatives, antiviral activity 3104.
Acyrthosiphon pisum,
pea enation mosaic virus latent period measurement 2056.
transmission-bean yellow mosaic virus 2053.
transmission-bean yellow mosaic virus, *Vicia faba, Coccinella californica* predation effects on 6134.
transmission-legume yellows virus 6853.
transmission-pea enation mosaic virus strains, Pisum sativum 3360.
transmission-pea enation mosaic virus strains, structure effects on 4047.
Acyrthosiphon solani,
transmission-legume yellows virus 6853.
α-Adamantyl carbonyl compounds,
synthesis, antiviral agents 6547.
Adenine (9-β-D-Arabinofuranosyl),
effects on herpes simplex virus latent infection reactivation, mice 5765.
Adenine (erythro-9-(2-hydroxy-3-nonyl)),
inhibition-herpes simplex virus replication 746.
Adenine arabinoside,
5′-(O-acyl) derivatives, antiviral activity/synthesis 3647.
antiviral activity, chromatography (thin-layer) assays 5061.
antiviral activity, herpes simplex virus 7197.
efficacy, man 2453.
inhibition-herpes simplex virus DNA biosynthesis, in vitro 7714.
iontophoresis, effects on herpes simplex virus 1 infection, mice 1994.
review 7197.
treatment-hepatitis B surface antigen positive hepatitis, DNA polymerase activity 1176.
treatment-herpes labialis, man 7382.
treatment-herpes simplex virus encephalitis, animal models, rabbits 3263.
treatment-herpes simplex virus encephalitis, mice 3884.
treatment-herpes simplex virus encephalitis, case reports 8193.
treatment-herpes simplex virus infection/herpes zoster, man, clinical trials 1167.
treatment-herpes simplex virus infection, guinea-pigs 3885.
treatment-herpes simplex virus infection, man 4511.
treatment-herpes simplex virus infection, eye, man 6019.
treatment-herpes simplex virus keratitis, man, clinical trials 1169.
treatment-herpes simplex virus keratitis, rabbits 7441.
treatment-herpes simplex virus/vaccinia virus/varicella-zoster virus infection, man 6020.
treatment-herpes simplex virus 1 keratitis, rabbits 3886.
treatment-herpes zoster, effects on ADH levels, man, case reports 3842.
treatment-vaccinia virus infection, eye, case reports 6026.
Adenines,
substituted, antiviral activity 4337.
Adeno-associated virus,
assembly, in vitro, adenovirus/herpesvirus helper viruses effects on 4847.
autointerference, DNA analysis 3958.
DNA, structure, role-replicative intermediates 3977.
DNA biosynthesis, inhibition, defective-interfering particles 5496.
DNA replication, adenovirus (human) 5/herpes simplex virus 1 infected Vero cells 7690.
effects on adenovirus replication, in vitro 6975.
identification/isolation/physicochemical properties, adenovirus (bovine) 3 infected cattle, juveniles 4033.
replication, glucose (2-deoxy-D-)/phosphonoacetic acid effects on 4773.
replication, growth-CV-1 cells effects on 4774.
replication, kidney cells, African green monkeys 7525.
mRNA precursors, isolation, methodology 4093.
Adeno-associated virus 4,
isoelectric focusing 71.
replication, helper viruses, role-cytomegalovirus/Kilham rat virus, in vitro 4049.
Adenosine,
analogues, effects on Epstein-Barr virus expression/transformation 5795.
Adenosine (3-Deaza),
inhibition-Rous sarcoma virus replication/transformation-embryo cells, chickens 2474.
Adenosine (5′-Deoxy-5′-S-Isobutyl),
effects on mammary tumour virus transformed cells 1795.
Adenosine (5-Deoxy-5′-S-Isobutyl),
inhibition-tRNA methylation, Rous sarcoma virus transformed embryo fibroblasts, chickens 1762.
Adenosine (5′-Deoxy-5′-S-Isobutylthio),
inhibition-nucleosides/sugars transport, embryo fibroblasts, chickens, Rous sarcoma virus transformation effects on 6576.
Adenosine (N^6-Methyl),
containing SV40 mRNA, identification/mapping 7694.
Adenosine (5′-Sulphamino-5′-Deoxy),
antiviral activity/synthesis 1732.
Adenosine deaminase,
activity, lymphocytes, hepatitis (acute), man 8013.
levels, kidney transplantation, man, cytomegalovirus infection 8206.
Adenosinetriphosphatase,
activity, relationship-SV40 antigen T proteins 4239.
characterization, avian myeloblastosis virus/reovirus/Rous sarcoma virus 6996.
characterization, herpes simplex virus associated 650.
Adenovirus,
aetiology, enteritis, children, review 8182.
aetiology, vulvovaginitis, children 6623.
aetiology/pathogenesis, hepatitis (inclusion body), chickens 1958.
antibodies, incidence, children 3708.
antibodies, levels, children 6668.

IRL©1979

Adenovirus,(continued)
antibodies incidence, man, Zambia 1132.
antibodies levels, glomerulonephritis/systemic lupus erythematosus patients 403.
antisera, preparation, methodology 7167.
antiviral activity, ammonium quaternary compounds/disinfectants 991.
antiviral activity, plants extracts 4339.
assays/detection, Crassostrea virginica 1896.
association-gastroenteritis, infants 1134.
association-listeriosis, foetuses/neonates, man 8188.
association-lysosomes, relationship-tumorigenicity, HeLa cells 7527.
bronchiolitis, aetiology/symptoms/treatment, man, review 3733.
detection, water supplies, methodology 2622.
DNA, function/structure, review 1368.
DNA, mapping, review 4663.
DNA, separation, use-poly (U,G) agarose gels 568.
DNA, 5′-terminus, complex-proteins, assays 4782.
DNA homology, relationship-transformation regions 3991.
gastroenteritis, outbreaks, children 6647.
gastrointestinal tract infection, diagnosis, man 1822.
genes controlling paracrystals formation, mapping 1535.
helper viruses, effects on adeno-associated virus assembly in vitro 4847.
hepatitis, association-immunosuppression, case reports 7286.
infection, cell-mediated cytolysis, role-lymphocytes T, cells, mice 1692.
infection, clinical manifestations, birds 6737.
infection, induction-heterophilic antibodies, man 7168.
infection, pathogenesis, guinea-pigs gnotobiotes 1239.
integration/oncogenicity, review 308.
isolation, diarrhoea, rabbits 7403.
isolation/physicochemical properties, Macaca mulatta 5479.
mixed infection-Shigella sonnei, pathology, mice 7440.
persistent infection, mechanisms, review 3782.
physicochemical properties/role-respiratory tract-infection, cattle, review 8347.
replication, in vitro, adeno-associated virus effects on 6975.
respiratory tract infection, immunoglobulins levels, infants 1693.
respiratory tract infection, man, South Africa 5961.
RNA, stability, daunomycin/ethidium bromide/proflavine effects on 619.
mRNA, transcription unit production, review 6982.
role-Balkan nephropathy aetiology/pathogenesis, man 1840.
seroepidemiology, chickens, New Zealand 8369.
seroepidemiology, poultry, Austria 8368.
serotypes, polypeptides comparison, electrophoresis 3404.
structural protein, characterization, chromatography 2793.
structure, models 6250.
transformation-lymphocytes, Down's syndrome, children 3066.
vaccination, efficacy, control-pneumoenteritis, sheep 5693.
Adenovirus (avian),
antibodies incidence, chickens, Argentina 5310.
antibodies incidence, ducks, USA 6751.
egg-drop syndrome aetiology, chickens 6741.
infection, diagnosis, detection-precipitins, chickens 5711.
infection, pathogenicity, effects on eggs production/shells quality/feeds consumption, chickens 3311.
strains, pathogenicity, liver, chickens 5327.
strains, replication, kidney cell culture, chickens, cytopathology comparison 7526.
vaccination, chickens 7151.
vaccines, antibody response/efficacy/safety, chickens 4289.
Adenovirus (bovine),
classification, use-immunodiffusion 4937.
seroepidemiology, cattle, juveniles 7421.
seroepidemiology, sheep, Hungary 1215.
serotypes, infection, cytopathology, cell lines, cattle 6865.
strains, seroepidemiology, cattle, Italy 7420.
Adenovirus (bovine) 1,
biological properties/isolation, cattle, adeno-associated virus absence 4523.
seroepidemiology, cattle, Finland 496.
Adenovirus (bovine) 2,
seroepidemiology, cattle, Finland 496.
Adenovirus (bovine) 3,
DNA, restriction endonuclease cleavage, mapping 38.
DNA, transformation, BALB/3T3 cells 306.
induction-DNA biosynthesis, cell lines, mice, temperature effects 685.
mutagenicity, cells, hamsters 6163.
replication, trachea organ culture, cattle 1348.
seroepidemiology, cattle, Finland 496.
transformed clonal cells, tumour angiogenesis activity 8053.
Adenovirus (bovine) 4,
isolates, characterization/classification 2818.
isolates, characterization/classification/replication in vitro, electron microscopy 2819.
Adenovirus (bovine) 7,
enteritis/pneumonia aetiology, cattle, juveniles 4524.
experimental infection, foetus, cattle 3883.
Adenovirus (canine),
combined vaccines-canine distemper virus, induction-thrombocytopenia, dogs 3058.
infection, dogs, neonates 1960.
infection, lymphocytes/monocytes levels/morphology, dogs 6509.
respiratory tract infection, dogs 5301, 6041.
vaccination, dogs, review 3615.
vaccination recommendations, dogs 251.
vaccination recommendations, juveniles, dogs 7951.
Adenovirus (canine) 1,
vaccination, induction-immunity-adenovirus (canine) 2 infection, dogs 3052.
Adenovirus (canine) 2,
aetiology/prophylaxis/treatment, kennel cough, dogs 480.
attenuated, suitability-vaccines, dogs 3053.
vaccination, induction-immunity-adenovirus (canine) 1 infection, dogs 3052.
Adenovirus (equine),
aetiology, respiratory tract diseases, horses 1961.
characterization/immunodeficiency/isolation, horses 879.
hexons antigens, characterization 4938.
infection, diagnosis, horses, methodology 7854.
infection, immunity, horses 3064.
Adenovirus (human),
classification, use-polypeptides molecular weight 6142.
induced haemagglutination, erythrocytes, man, effects on acetylcholinesterase activity 3551.
induction-lipids changes, erythrocytes, man 1437.
induction-retinoblastoma, rodents, comparison-bilateral eye tumours, case reports 307.
infection, dogs, lactate dehydrogenase activity 1240.
infection, effects on immune status, hamsters 6510.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4460.
infection, presentation-infectious mononucleosis/heterophilic antibodies production, man 7971.
replication, HeLa cells, antiviral activity, DNA biosynthesis inhibitors 5760.

Adenovirus (human),(continued)
replication/transformation, review 2157.
role-respiratory tract infection, man 5175.
serotypes, DNA homology 4664.
serotypes, late mRNA comparison 6320.
transforming DNA, characterization 5300.
Adenovirus (human) 1,
DNA, fragmentation, restriction endonuclease 1369.
neutralization assays, methodology 6409.
Adenovirus (human) 2,
antiviral activity, ammonium quaternary compounds 5063.
antiviral activity, cationic surfactants/cationogenic surfactants 999.
assembly, temperature-sensitive mutant, genetic analysis 6385.
associated proteinases, biological properties/specificity 7708.
cores, proteins, DNA binding properties 6928.
deletion mutant characterization/isolation 7814.
DNA, accumulation-nucleosomes like particles, HeLa cells 6324.
DNA, binding-proteins, mapping, electron microscopy 613.
DNA, cleavage, KB cells endodeoxyribonuclease 39.
DNA, complex-Escherichia coli RNA polymerase, poly (I) effects on 6986.
DNA, complex-proteins, infected KB cells 3458.
DNA, content, SV40-adeno-hybrid virus transformed cell lines, hamsters 7711.
DNA, detection-5′-terminus proteins 7706.
DNA, expression, Acetabularia cells 4110.
DNA, hexon gene C-terminus, nucleotide sequence 3395.
DNA, interaction-wheat germ RNA polymerase II 7709.
DNA, Klebsiella pneumoniae restriction endonuclease recognition sequence 620.
DNA, nucleosomes like subunits 4666.
DNA, mRNA coding regions/leaders sequence junction, nucleotide sequence 1370.
DNA, Streptomyces stanfordii restriction endonuclease cleavage sites, localization 6908.
DNA, termini inverted repeat, nucleotide sequence 6203.
DNA, transcription, RNA polymerase, infected HeLa cells 4105.
DNA, transcription, RNA polymerase III, fidelity, cells, man/amphibians/mice 7707.
DNA-binding protein, mRNA precursors, splicing patterns 6323.
DNA biosynthesis, CHO cells/HeLa cells, aphidicolin effects on 7710.
DNA integration, transformed KB cells 127.
DNA polymerase, role-DNA biosynthesis 4106.
DNA replication 6321.
DNA replication, role-DNA polymerase 4784.
DNA, restriction endonuclease fragments, mapping 6907.
DNA termini, nucleotide sequence 6204.
DNA 5′-terminus, proteins binding, early infection 6984.
early glycoproteins biosynthesis/identification, infected/transformed cells 738.
early polypeptides, identification/mapping, precipitation, antisera-adenovirus (human) 2 transformed adenovirus (human) 2, rats 6322.
early proteins purification/characterization, infected HeLa cells 126.
early RNA, regulation 3456.
early mRNA, restriction endonuclease EcoRI fragments, mapping 2887.
early mRNA, 5′-terminus caps characterization 4787.
fibres mRNA, spliced structure 741.
glycoproteins, characterization/purification 4697.
hexons, X-ray crystallography 649.
hexons mRNA, non-coding regions 5′-terminus, nucleotide sequence 5529.
infected cells, endonuclease cleavage specificity/mechanisms 6985.
infected HeLa cells, RNA/proteins, cytoplasmic/nuclear polyribosomes, comparison 6987.
isolates, characterization/replication ability-cells, monkeys 1475.
late RNA (heterogeneous nuclear), structure 6327.
late mRNA, 5′-terminus, nucleotide sequence 4109.
maturation proteins, characterization 4015.
pentons bases, characterization/isolation 3418.
poly (A) containing RNA biosynthesis 740.
proteins, complex-DNA, assays 621.
related RNA, occurrence-normal human tissues 4788.
RNA, caps 5′terminus/promoters nucleotide sequence, comparison 2885.
RNA, initiation sites, mapping 4665.
mRNA, leaders segments, nucleotide sequence 5530.
mRNA, nucleotide sequence mapping 739.
RNA, purification, methodology 3370.
RNA biosynthesis, 5,6-dichloro-1,β-D-ribofuranosylbenzimidazole effects on 4783.
RNA biosynthesis, initiation, HeLa cells 2886.
RNA biosynthesis, regulation 4108.
RNA biosynthesis, termination 4786.
RNA chains termination sites, 5,6-dichloro-1-β-D-ribofuranosylbenzimidazole effects on, infected HeLa cells 7705.
mRNA formation, RNA splicing 1477.
mRNA 5′-terminus caps, adenine (N^6-methyl)/guanine (7-methyl) containing, recognition, antibodies 6988.
RNA transcription, review 4785.
structural protein protein biosynthesis, absence-DNA replication 1476.
temperature-sensitive, mapping (physical) 2224.
temperature-sensitive mutant, high molecular weight DNA biosynthesis, KB cells 6325.
temperature-sensitive mutant isolation/characterization 819.
transcription unit termination sites 6326.
transformed cell lines, rats, cell surface antigens, relationship histocompatibility antigen Ag-B 3665.
transformed cell lines, rats embryos, mRNA metabolism 4107.
transformed embryo cells, hamsters, hosts response/tumorigenicity 8054.
uncoating, models 5514.
Adenovirus (human) 3,
antigen T, antigenic relationship-adenovirus (human) 7/adenovirus (human) 12 198.
conjunctivitis, laryngotracheobronchitis complications, infants 8189.
infection, effects on immune response (humoral), mice 4302.
pneumonia, diagnosis, immunofluorescence, children 1064.
Adenovirus (human) 4,
DNA, analysis, tumours, man 5160.
Adenovirus (human) 5,
antibodies, radioimmunoassay 7855.
benzo(a)pyrene diol-epoxide derivatives induced damage, DNA repair, fibroblasts, man 174.
DNA, association-proteins, infected HeLa cells 4113.
DNA, Streptomyces stanfordii restriction endonuclease cleavage sites, localization 6908.
DNA, transforming fragments, nucleotide sequence 6909.
DNA cotranscripts-hosts, KB cells 742.
DNA replication, role-DNA polymerase 4784.
DNA replication in vitro 4112.
DNA/RNA sequence, detection, transformed kidney embryo

IRL©1979

cells, man 4789.
DNA transcription, transformed cell lines 1478.
host range mutants/temperature-sensitive mutant, mapping 2225.
infected HeLa cells, calorimetry, micromethods 89.
infected HEp-2 cells, glucose uptake/lactic acid production, relationship-growth stage 3440.
infected Vero cells, adeno-associated virus DNA replication 7690.
infection, immunosuppression, lymphocytes allogeneic response, mice 3065.
infection, tumour cells, man, inclusions 2158.
infection, ultrastructure, KB cells 4744.
infectivity, cigarette smoke exposure effects on 4717.
N-methyl-N′-nitro-N-nitrosoguanidine induced damage, host cell reactivation, brain tumour cells, man 7813.
mixed infection-vaccinia virus, ultrastructure, KB cells 4745.
temperature-sensitive mutant, characterization 7815.
temperature-sensitive mutant, DNA, mapping 2226.
temperature-sensitive mutant, DNA replication in vitro 128.
temperature-sensitive mutant, infected KB cells, DNA characterization 7712.
temperature-sensitive mutant, infection, KB cells, RNA accumulation 743.
temperature-sensitive mutant, RNA biosynthesis, regulation, DNA-binding protein 4111.
transformation proteins, association-protein kinase activity 5531.
transformed cell lines, rats, establishment/properties 5096.
transformed cells, chromosomes derived from, transformation induction, cells, mice/rats 5773.
transforming regions, traanscription, transformed cell lines, rats 3457.
translation, infected human cells/cell-free system, ionic strength effects on 6328.

Adenovirus (human) 6,
physicochemical properties 4034.

Adenovirus (human) 7,
antigen T, antigenic relationship-adenovirus (human) 3/adenovirus (human) 12 198.
infection, presentation-infectious mononucleosis, man, case reports 3164, 5889.
pneumonia, adults, case reports 5183.
pneumonia, diagnosis, immunofluorescence, children 1064.
transformed cells, growth, in vitro 5097.

Adenovirus (human) 8,
antibodies, detection, man, methodology 4906.
replication, in vitro, inhibition, uridine (trifluoro) 2460.

Adenovirus (human) 12,
antigen T, antigenic relationship-adenovirus (human) 3/adenovirus (human) 7 198.
antigen T, genes identification, transformed cells 2286.
antigen T characterization, HEp-2 cells/fibroblasts-chickens 1580.
antigen T/early protein, induction, KB cells/RK-13 cells, immunofluorescence 2287.
antigen T expression, embryo cells, chickens, leucocytes interferon effects on 199.
antigenic relationship-adenovirus (human) 18/adenovirus (human) 31, determination, haemagglutination inhibition 2285.
DNA biosynthesis, incorporation-uracil 6989.
DNA biosynthesis, initiation, requirement-gene 401 function 4114.
DNA fragments, transformation-rats cells 6568.
DNA transcription, mapping 744.
gene mapping/RNA biosynthesis, KB cells 6329.
gene 401, function/role-transformation maintenance, 3Y1 cells 3494.
induced tumours, growth, mice, cyclophosphamide effects on 3666.
induced tumours, mice, activation-endogenous A-type virus/C-type virus 8056.
induced tumours, retina, rats, cell lines establishment 7215.
induction-endogenous A-type particles/C-type virus, tumour cells, mice, electron microscopy 2485.
induction-tumours, antiviral agents derived from Streptococcus faecalis effects on 5077.
infected embryo kidney cells, man, surface glycoproteins/sialyltransferase activity 686.
mRNA, isolation/translation, infected/transformed cells 4790.
transformation proteins, identification 4698.
transformed cell lines, rats, transforming DNA sequence, analysis 7713.
transformed cells, monkeys/rats/mice, chromatin/ribosomes proteins phosphorylation 1008.
tumorigenesis, target cells identification, hamsters 8055.

Adenovirus (human) 13,
replication, in vitro, inhibition, uridine (trifluoro) 2460.

Adenovirus (human) 17,
neutralization assays, methodology 6409.

Adenovirus (human) 18,
antigenic relationship-adenovirus (human) 12/adenovirus (human) 31, determination, haemagglutination inhibition 2285.

Adenovirus (human) 19,
aetiology/symptomatology, conjunctivitis, man, USA, Washington 366.
infection, laboratories transmission, man, case reports 1841.
replication, in vitro, inhibition, uridine (trifluoro) 2460.

Adenovirus (human) 21,
infection, association-myoglobinuria/pneumonia/rhabdomyolysis, man, case reports 8190.
keratoconjunctivitis, man, case reports 4404.

Adenovirus (human) 29,
role-bronchopneumonia, man 4405.

Adenovirus (human) 31,
antigenic relationship-adenovirus (human) 12/adenovirus (human) 18, determination, haemagglutination inhibition 2285.
induction-tumours, rosette formation, thymocytes, hamsters 3664.

Adenovirus (murine),
infection, immunity (cell-mediated), migration inhibition, mice 1694.
infection, induction-immunity (cell-mediated), mechanisms, mice 1695.

Adenovirus (ovine),
replication, strains differences, in vitro 6866.
seroepidemiology, sheep, Hungary 1215.
vaccines, efficacy, pneumoenteritis, sheep 5008.

Adenovirus (ovine) 2,
infection, trachea organ culture, sheep 4629.

Adenovirus (porcine),
isolation, slurry/soil/water 1980.

Adenovirus (porcine) 4,
respiratory tract infection, pigs 1196.

Adenovirus (simian),
urinary tract infection, antibody response, Pan troglodytes

Adenovirus (simian),(continued)
257.
Adenovirus (simian) 7,
defective, production, passage-cells, monkeys 1332.
DNA, cleavage, effects on transforming/tumorigenesis activity 8057.
DNA replication/transcription, infected cells, monkeys 4115.
haemagglutination, rats erythrocytes 5636.
oncogenesis, autoimmunity, mice 3667.
transformation, embryo cells, hamsters, acrylonitrile effects on 8058.
transformation, embryo cells, hamsters, metals salts effects on 4350.
Adenovirus (simian) 20,
infection, antibody response, immune/non-immune Macaca mulatta 5712.
Adenovirus (simian) 38,
DNA, physicochemical properties 4667.
DNA, physicochemical properties/restriction endonuclease maps 7585.
Adenylate cyclase,
activity, relationship-calcium dependent regulators proteins levels, Rous sarcoma virus transformed cells 7226.
during Friend erythroleukaemia cells differentiation 8104.
effects on AMP (cyclic) levels, during trypsin induced Sendai virus production, KB cells 5440.
temperature effects, Sendai virus infected KB cells 6966.
ADH,
levels, herpes zoster treatment, adenine arabinoside, effects on, man, case reports 3842.
Adjuvants,
polymethylmethacrylate, influenza virus inactivated vaccines, efficacy, mice 928.
Adoxophytes orana,
nuclear polyhedrosis virus, DNA, characterization 4005.
Adrenal gland,
function, influenza, man 6649.
hypoplasia, infants, cytomegalovirus congenital infection association, case reports 375.
Adrenalone,
aromatic reductones, double-stranded breakage-phage λ DNA 21.
β-Adrenergic receptors,
during Friend erythroleukaemia cells differentiation 8105.
Adsorption,
artificial, poliovirus 1 replication following, PS cells 4063.
cells, role-measles virus N-acetylneuraminic acid 683.
Escherichia coli, phage Mu, genetic regulation 2854.
Escherichia coli capsules, phage K29 5511.
flagella/pili, Asticcacaulis biprosthecum, phage φAcM_2/phage φAcM_4/phage φAcS_2 4734.
Heliothis zea midgut cells, nuclear polyhedrosis virus 1442.
inorganic surfaces, degradation-poliovirus 1 4719.
kidney cells, pigs, foot-and-mouth disease virus 1440.
Lactobacillus casei, PL-1 phage, ATP levels effects on 2163.
mengovirus, induction-receptors cap formation, Ehrlich ascites tumour cells 4739.
murine leukaemia virus, cells, mice 4741.
Mycobacterium leprae, phage D_{29} 1433.
Newcastle disease virus/Rous sarcoma virus, membranes, embryo cells, chickens 2857.
phage ε15, Salmonella anatum, mechanisms 5510.
phage A-1, Anabaena variabilis 6958.
phage CK-1, Bacillus megaterium capsules effects on 4053.
phage T4, Escherichia coli, cell walls modification effects on 4058.
phage T4, role-tail fibres position 1436.
phage 52A/phage 84, Staphylococcus aureus, capsules effects on 4061.
pili, Escherichia coli/Salmonella typhi, phages, determination, plasmids 83.
Salmonella anatum, phage ε15, kinetics 2162.
Sendai virus, macromolecules penetration-cell membranes 6281.
Streptococcus viridans, influenza A virus 682.
Aedes,
arbovirus propagation, methodology 6113.
cell culture, Japanese encephalitis virus infection 4619.
horses, California encephalitis virus incidence 5315.
role-dengue virus haemorrhagic fever epidemiology, man, Philippines 3233.
Senegal, yellow fever virus isolation/transmission 3790.
transmission-arbovirus, Nigeria 8289.
transmission-dengue virus 3195.
transmission-dengue virus, control 4480.
Aedes abserratus,
USA, Connecticut, Jamestown Canyon virus isolation 1904.
Aedes aegypti,
African horse sickness virus transmission/infection rate 510.
cell culture, Sindbis virus replication, poly (I.C) treatment effects on 1429.
cells, Getah virus morphology/replication 5425.
cells, infection-arbovirus + antibodies, effects on viruses yield/use-viruses assays 5606.
control, prevention-dengue virus haemorrhagic fever 3238.
densonucleosis virus, maturation, electron microscopy 6370.
densonucleosis virus infectivity/pathogenicity 2021.
ecology, Thailand, relationship-dengue virus haemorrhagic fever epidemiology 7351.
populations, seasonal variations, relationship-transmission-dengue virus 8291.
susceptibility-dengue virus 2 infection, relationship-haemorrhagic fever outbreaks, man, Indonesia 8293.
Tahyna virus replication/transmission 2052.
transmission (transovarial)-yellow fever virus 5979.
transmission-dengue virus, control, Thailand 4481.
yellow fever virus infection 3951.
Aedes albopictus,
cell lines, dengue virus/Kunjin virus/Japanese encephalitis virus/Sindbis virus infected, viruses specific proteins characterization/isolaton 6338.
cell lines, western equine encephalitis virus persistent infection, temperature-sensitive mutant, genetic analysis 3963.
cells, antiviral activity characterization, Sindbis virus persistent infection 3100.
cells, Sindbis virus cytopathogenesis/production, inhibition, ribavirin 3653.
cells, Sindbis virus infection, effects on heterologous/homologous superinfection 6173.
cells, Sindbis virus RNA biosynthesis, methionine deprivation effects on 4127.
cells, West Nile virus/Uganda S virus RNA biosynthesis 1490.
ecology, Thailand, relationship-dengue virus haemorrhagic fever epidemiology 7351.
Aedes atlanticus,
transmission-Keystone virus/Jamestown Canyon virus, rabbits 2708.
Aedes cantans,
Czechoslovakia, Tettnang virus isolation 7428.
Aedes cantator,
USA, Connecticut, Jamestown Canyon virus isolation 1904.

IRL©1979

Aedes communis,
Tahyna virus replication/transmission 2052.
Aedes diantaeus,
Norway, bunyavirus strains isolation 3794.
Aedes furcifer taylori,
transmission-yellow fever, Senegal 8298.
transmission-yellow fever virus, Gambia 7355.
Aedes hexodontus,
Norway, bunyavirus strains isolation 3794.
Aedes minutus,
Senegal, Kedougou virus classification/isolation 1319.
Aedes neoafricanus,
transmission-yellow fever virus, Senegal 5977.
Aedes pseudoscutellaris,
cell lines, dengue virus 1 physical properties 3419.
cell lines derived from, dengue virus isolation 3382.
Aedes punctor,
Tahyna virus replication/transmission 2052.
Aedes sticticus,
Norway, bunyavirus strains isolation 3794.
Aedes triseriatus,
larvae, La Crosse virus infection rate, ingestion 516.
Aedes vexans,
Calovo virus/Tahyna virus isolation, Czechoslovakia, Slovakia 3242.
Canada, isolation-Cache Valley virus 8417.
USA, Connecticut, Jamestown Canyon virus isolation 1904.
Aeration,
inactivation-enterovirus (bovine), slurry 2716.
Aerosols,
amantadine hydrochloride, treatment-influenza A virus infection, mice 6781.
influenza virus vaccination, man 2396.
inhalation chambers, treatment-viruses respiratory tract infection/croup, man 1930.
Newcastle disease virus vaccines, efficacy, chickens 5020.
Newcastle disease virus vaccines administration, chickens 943.
reduction-influenza A virus/parainfluenza virus 1 transmission, air 438.
Aflatoxin B1,
induction-lysogeny, Bacillus megaterium 7830.
Aflatoxins,
effects on infectious bursitis virus infection, chickens 5333.
induced-hepatitis B virus, aetiology-liver tumours, man 5168.
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Africa,
Burkitt's lymphoma, epidemiology/role-Epstein-Barr virus, man 5851.
malnutrition, association-measles, man 7319.
Africa, East,
cassava latent virus classification/host range/incidence/properties 6149.
Africa, South,
hepatitis B virus infection, association-liver tumours, man 8163.
African cassava mosaic,
transmission (mechanical), Manihot esculenta 2054.
African cassava mosaic disease virus,
resistance, inheritance, association-cassava blight resistance, Manihot glaziovii 2744.
African green monkeys,
fibroblasts, cell culture, characterization/growth/use-viruses replication 1330.
African horse sickness virus,
replication associated tubules, physicochemical properties, cell culture 5502.
transmission/infection rate, Aedes aegypti 510.
African swine fever virus,
inactivation, glutaraldehyde, heart tissue culture, pigs 5762.
transmission, food wastes, pigs 3295.
Agammaglobulinaemia,
association-hepatitis (chronic active), case reports 3769.
Agapornis personata,
avian pox virus infection, case reports 3285.
Agaricus bisporus,
detection-virus-like particles 6795.
mushroom virus 1/mushroom virus 4 physicochemical properties/purification 4041.
virus-like particles, electron microscopy 8428.
viruses infection, review 3911.
Age,
effects on endogenous murine leukaemia virus gene expression, brain/liver, mice 1032.
effects on influenza A virus seroepidemiology, man 8306.
effects on maize dwarf mosaic virus infection susceptibility, Zea mays 4577.
effects on rubella virus vaccines immune response (cell-mediated), man 3010.
effects on Tacaribe virus infection susceptibility, mice 539.
man, correlation-hepatitis A virus antibodies incidence 2641.
relationship-rubella virus vaccination immune response (cell-mediated), man 964.
Agglutination,
detection-measles virus 862.
leucocytes, vaccinia virus vaccination effects on, children 4985.
3T3 cells, concanavalin A induced, inactivated herpes simplex virus effects on 5416.
Agglutinins,
Alcaligenes faecalis/Escherichia coli, association-hepatitis B surface antigen positive/negative hepatitis 1881.
Ricinus communis/wheat germ, conjugate-ferritin, binding-mammary tumour virus strains, tumour cells, mice 4381.
Aglossia-adactylia syndrome,
association-cytomegalovirus infection, man, case reports 8207.
Agriculture,
correlation-tick-borne encephalitis virus antibodies incidence, man, German Dem. Rep. 2626.
Agrobacterium tumefaciens,
crown gall induction inhibition, cowpea mosaic virus infection, Vigna sinensis 4576.
mixed infection-citrus exocortis viroid, Lycopersicon esculentum tumour cells, citrus exocortis viroid RNA detection 1281.
mixed infection-citrus exocortis viroid, Lycopersicon esculentum, citrus exocortis viroid RNA accumulation 7467.
mixed infection-tobacco tumour virus, Nicotiana clevelandii x Nicotiana glutinosa hybrids, effects on plastids development 2045.
phage Mu DNA + R factor RP4 cotransfer, Escherichia coli 1557.
Aino virus,
aetiology, arthrogryposis/hydranencephaly outbreaks, cattle, Australia 1203.
antigenic relationship-Samford virus 4941.
seroepidemiology, cattle, Australia 3301.
Air,
influenza A virus/parainfluenza virus 1 transmission, reduction, aerosols 438.
Airsacculitis,
chickens, induction-Mycoplasma gallinarum + avian

Airsacculitis,(continued)
infectious bronchitis virus/airsacculitis mixed infection 6787.
Aix sponsal,
Newcastle disease like paramyxovirus characterization/isolation 6145.
Akabane virus,
aetiology, arthrogryposis/hydranencephaly outbreaks, cattle, Australia 1203.
antibody response, haemagglutination inhibition, animals 2948.
growth, chick embryos 3388.
infected sheep, histopathology/transmission (transplacental), neonates/foetuses 7449.
infection, chick embryos, pathology 7557.
isolation/transmission-Culicoides brevitarsis, cattle, Australia 7429.
pathogenicity, mice 1257.
physicochemical properties 2149.
seroepidemiology, cattle, Australia 3301.
vaccines, development/efficacy/safety, cattle/goats 7960.
AKR leukaemia,
susceptibility, relationship-antibody response/Fv-1 gene/major histocompatibility complex/sex, mice 8121.
AKR leukaemia virus,
antibodies, methylcholanthrene induced fibrosarcoma, mice, Corynebacterium parvum effects on 5148.
antibody response, mice strains, relationship-endogenous murine leukaemia virus levels 8120.
antigen (tumour-associated), characterization/detection, surface, tumour cells, mice 2293.
endogenous, infectious DNA, isolation, AKR cells 774.
endogenous activation, correlation-DNA transcription, cell lines, mice 8122.
glycopeptides, biosynthesis/characterization/comparison-Rauscher leukaemia virus 7754.
induced antigens, relationship-spleen focus-forming virus induced antigens 8096.
infection, immune response (cell-mediated)/immune response (humoral), mice 1714.
receptors, detection, thymus lymphoma, mice 6592.
replication, temperature effects on, producer cells 7245.
RNA, nucleotide sequence homology-mink cell focus-inducing virus 6217.
specific RNA, detection, AKR cells 6598.
Alanine aminotransferase,
activity, diagnosis-hepatitis, man 7279.
Alaskans,
Epstein-Barr virus association-nasopharynx tumours 2519.
Albumin,
binding sites, associated-hepatitis B surface antigen, radioimmunoassay/correlation-hepatitis B e antigen, serum, man 4927.
levels, sera, hepatitis/cirrhosis/hepatocellular carcinoma, comparative studies, man, Ghana 983.
receptors, detection, Dane particles/hepatitis B surface antigen 6259.
Alcaligenes eutrophus,
phages isolation/characterization 1411.
Alcaligenes faecalis,
agglutinins, association-hepatitis B surface antigen positive/negative hepatitis 1881.
Alcohol,
induced hepatitis (acute), clinical manifestations/pathogenesis/prognosis, man 1878.
relationship-hepatitis B virus, aetiology, liver cirrhosis 5946.
Alcohols,
inactivation-phage φ6/phage PM2/herpes simplex virus 2 4714.
Aldolase,
isoenzymes activity, relationship-liver necrosis, hepatitis, man 4444.
Aleutian disease,
diagnosis/kidney histopathology, mink, review 7418.
Mustela putoris furo 6736.
Aleutian disease virus,
asymptomatic infection, immune response, mink 1211.
infection/diagnosis, Mustela putorius 1210.
Alfalfa mosaic virus,
coat protein polymerization, electron microscopy 655.
coat protein mRNA, requirements, infection, Vigna protoplasts 1514.
coat protein subunits, effects on RNA/mRNA structure 641.
infection, induction-resistance, Phaseolus vulgaris 5362.
RNA, interaction-coat protein, transitions enthalpy 6371.
RNA, sequence homology, comparison-cucumber mosaic virus 4008.
RNA, 5′-terminus, nucleotide sequence 4686.
RNA, translation, cell-free system 7015.
RNA polymerase (RNA-dependent), properties 3476.
RNA 3′-terminus, binding-protein (coat) 784.
RNA translation, infected Nicotiana tabacum 2215.
RNA 4, 3′-terminus fragments, base pairs structure, coat protein effects on 4687.
Alkaline phosphatase,
activity, diagnosis-hepatitis, man 7279.
activity, Newcastle disease virus infected chick embryos allantoic fluid, strains differentiation 4633.
characterization/production, Epstein-Barr virus nuclear antigen positive cell lines, man 2088.
levels, serum/nervous system, chickens, Marek's disease virus experimental infection 533.
WI-26 cells/WI-38 cells, SV40 transformation effects on 1755.
Alkalinity,
effects on turnip yellow mosaic virus nucleoproteins isolation 7517.
Alkylation,
effects on SV 40 antigen T physical properties 4014.
Allantoic fluid,
enzymes activity, Newcastle disease virus strains differentiation, infected chick embryos 4633.
Allium ascalonicum,
detection-shallot latent virus 6119.
Allium porrum,
leek yellow stripe virus characterization/classification/isolation/symptoms/transmission, comparison-onion yellow dwarf virus 4604.
Allografts,
liver, treatment-hepatitis B surface antigen positive hepatitis (chronic active), case reports 5293.
tumours, immune response, cytomegalovirus infection effects on, mice 3621.
Alouatta caraya,
immune response/pathogenicity, Junin virus experimental infection 6099.
Alphavirus,
RNA/RNA biosynthesis, review 2894.
Alternaria alternata,
interaction-sunflower mosaic virus, Helianthus annuus 6796.
Aluminium hydroxide,
rabies virus vaccines, efficacy, cattle 2419.
Alzheimer's disease,
man, choline acetyltransferase levels, brain, scrapie-mice, comparative studies 1948.

IRL©1979

α-Amanitin,
effects on influenza virus RNA transcription products accumulation, nuclei, MDCK cells 4145.
Amanitins,
use-viruses RNA biosynthesis/RNA polymerase studies, review 1449.
Amantadine,
antiviral activity, influenza A virus infection, cell culture/trachea organ culture-ferrets 989.
prophylaxis/treatment-influenza A 3268.
resistance, genes, identification-M protein genes, influenza A virus 1542.
sensitivity, influenza virus, relationship-matrix protein gene 3499.
treatment-influenza, man 5062.
treatment-influenza A 2667.
treatment-influenza A virus infection, respiratory tract complications/pathogenesis, man 1870.
Amantadine hydrochloride,
aerosols, treatment-influenza A virus infection, mice 6781.
antiviral activity, influenza virus 7197.
efficacy, man 2453.
prophylaxis-influenza A, man 6014.
Amblyomma variegatum,
transmission (transovarial)-Dugbe virus 2736.
Amines (trihalogenomethyl),
antiviral activity, influenza virus infection, mice 990.
Amino acid sequence,
antigen T, homology-SV40/polyoma virus, comparative studies 6448.
avian sarcoma virus B77 gag gene/pol gene proteins 1392.
nuclear polyhedrosis virus inclusion body protein 64.

Amino acids,
Escherichia coli cell walls, effects on phage T2 infectivity 84.
transport, embryo fibroblasts, chickens, Rous sarcoma virus transformation effects on 8087.
transport, Escherichia coli carrying Col factors, phage T5 nonpermissive infection effects on 5596.
9-Aminoacridine,
effects on DNA packaging, phage T4 heads 4156.
2-Amino-4-Arylamino-s-Triazines,
derivatives, antiviral activity 5081.
ε-Aminocaproic acid,
inhibition-influenza virus replication in vitro 289.
Aminofluorene (N-Acetoxy-N-2-Acetyl),
Epstein-Barr virus induction, relationship-tumours induction/promotion activity, lymphoblastoid cell lines 3712.
α-Aminoisobutyric acid,
transport, membranes, SV40 transformed fibroblasts, mice, stimulation, sodium 1005.
δ-Aminolevulinic acid synthetase,
activity, mice, spleen, Friend leukaemia virus infection effects on 7241.
Aminopeptidase,
activity, surface, cells, mice/rats, SV40 transformation effects on 3659.
AminopyrineN-Demethylase,
activity, hepatocytes, mice, interferon effects on 897.
Ammonia,
antiviral activity, poliovirus 290.
Ammonium,
quaternary compounds, antiviral activity 991, 5063.
salts, effects on interferon induced antiviral state, L cells 2973.
Amnion,
cells, man, cytomegalovirus replication 1335.
Amoebiasis,
Entamoeba histolytica, epidemiology, role-virus-like particles 6116.
AMP (cyclic),
effects on growth/morphology, SV40 transformed fibroblasts, man 7213.
enhancement-interferon antiviral activity 6461.
levels, adenylate cyclase effects on, during trypsin induced Sendai virus production, KB cells 5440.
levels, RSa cells, human leucocytes interferon effects on 896.
levels during Friend erythroleukemia cells differentiation 2492.
AMP (dibutyryl cyclic),
effects on avian sarcoma virus RNA biosynthesis, embryo fibroblasts, chickens 765.
effects on influenza virus/herpes simplex virus 2 infection, kidney cells, chickens 6178.
AMP arabinoside,
antiviral activity, poxvirus/herpesvirus infection, animals/efficacy 992.
iontophoresis, effects on herpes simplex virus 1 infection, mice 1994.
treatment-cytomegalovirus/varicella-zoster virus encephalitis, man, case reports 7384.
Amphorophora idaei,
resistance, Rubus idaeus, effects on viruses transmission 8460.
Amphotericin B,
methyl ester, effects on encephalomyocarditis virus RNA infectivity, L929 cells 3436.
Ampicillin,
antibiotic resistance, phage Mu mutants characterization/isolation 6893.
treatment-infectious mononucleosis, antibodies levels/complications, man 5289.
treatment-infectious mononucleosis, skin complications, man 2563.
Amsacta albistriga,
nuclear polyhedrosis virus, infection, susceptibility, poultry 8415.
nuclear polyhedrosis virus inclusion bodies, characterization/silicon levels 6794.
Amsinckia douglasiana,
curly top virus infection, inclusions/nuclei ultrastructure 6815.
Amygdalus communis,
Prunus necrotic ringspot virus isolation 8434.
Amyotrophic lateral sclerosis,
arbovirus antibody response 1182.
clinical manifestations, induction-Schu virus infection, hamsters/monkeys 6097.
Anabaena variabilis,
cyanophages development, light effects 5508.
phage A-1 adsorption 6958.
Anacystis nidulans,
cell-free system, DNA repair, phage T4 DNA apurinic sites 2112.
cyanophage AS-1 reactivation, radiation (u.v.) 1527.
phage AS-1, mutagenesis, acriflavine/N-methyl-N′-nitro-N-nitrosoguanidine/radiation (u.v.) 6376.
phage AS-1 adsorption, light effects 4732.
phage AS-1 infected, ribonuclease characterization 8433.
Anaemia,
avian myeloblastosis associated viruses induced, clinical manifestations, chickens 5107.
Anaemia (aplastic),
associated-hepatitis, children, case reports 1876.

Anaemia (aplastic),(continued)
association-hepatitis A, children, case reports 7331.
association-hepatitis B, case reports 3778.
Anaemia (haemolytic),
association-rubella (congenital), infants, case reports 8236.
Anas clypeata,
transmission-arbovirus, India 5256.
Anas crecca crecca,
transmission-arbovirus, India 5256.
Anas platyrhynchos,
Czechoslovakia, influenza A virus isolation 1234.
Newcastle disease like paramyxovirus characterization/isolation 6145.
Anas platyrhynchos borneo,
Indonesia, Newcastle disease virus isolation 1206.
Anas strepera,
transmission arbovirus, India 5256.
Anas streperal,
Newcastle disease like paramyxovirus characterization/isolation 6145.
Andean potato latent virus,
detection, latex agglutination, Solanum tuberosum 2282.
infection, symptomatology, Solanum 1291.
RNA, templates, reverse transcription products characterization 7772.
RNA homology-turnip yellow mosaic virus/eggplant mosaic virus, use-hybridization 645.
Andean potato mottle virus,
detection, latex agglutination, Solanum tuberosum 2282.
Anemone nemorosa,
viruses infection 6806.
Angiitis,
brain, aetiology, viruses, man, review 3735.
Angina,
vaccinia virus vaccination complications, clinical manifestations/incidence, man, USSR 5667.
Angiography,
herpes simplex virus encephalitis, man, case reports 369.
relationship-clinical manifestations, herpes simplex virus encephalitis, case report 5890.
Angiotensin,
effects on growth/renin, SV40 transformed 3T3 cells 5783.
Anguilla anguilla,
tumours, EV-2 virus physicochemical properties/isolation 5400.
Animal models,
hamsters, scrapie/transmissible mink encephalopathy susceptibility 6729.
hamsters, vaccinia virus infection, association-hearing loss 6765.
hamsters/mice/rabbits/guinea-pigs, influenza A virus vaccines, antibody response 924.
herpes simplex virus recurrent infection, vaccines efficacy, guinea-pigs 221.
mice, cytomegalovirus vaccines efficacy, man 2373.
poliovirus vaccines neurovirulence, Macaca irus/Macaca mulatta/Cercopithecus aethiops, evaluation 913.
rabbits, herpes simplex virus encephalitis treatment, adenine arabinoside/cytosine arabinoside 3263.
rabbits, herpes simplex virus infection susceptibility, central nervous system 1242.
rabbits, herpes simplex virus keratitis, treatment, vitamin C administration, eye, man 1935.
rabbits, herpes simplex virus keratitis treatment, levamisole 453.
Saguinus, hepatitis A virus inactivation, heat treatment 451.
Animals,
Europe, rabies ecology/control, economics 520.
France, rabies incidence 5319.
viruses diseases, conference 7488.
Animals (domestic),
influenza virus seroepidemiology 1233.
Animals (wild),
influenza virus seroepidemiology 1233.
Anomis flava,
Gossypium, nuclear polyhedrosis virus infection outbreaks, pathogenesis 549.
Anopheles,
transmission hepatitis B surface antigen 5272.
Anopheles hyrcanus,
Japan, isolation-Japanese encephalitis virus 8294.
Anopheles maculipennis,
Calovo virus/Tahyna virus isolation, Czechoslovakia, Slovakia 3242.
Antheraea eucalypti,
cell lines, Chilo iridescent virus assays, comparison-Galleria mellonella larvae 4610.
Anti-inflammatory agents,
effects on Moloney sarcoma virus tumours, mice 5834.
Antibiotic resistance,
ampicillin, phage Mu mutants characterization/isolation 6893.
chloramphenicol, Staphylococcus aureus, transduction-phage M-15 7844.
chloramphenicol, transposons, phage Mu insertion 809, 2221.
erythromycin, transfer, Streptococcus pyogenes, role-endogenous phages 2240.
nalidixic acid, Escherichia coli, transduction, nalA gene, phage λ 4204.
streptomycin, Pseudomonas aeruginosa, transduction-phage F116, frequency, freshwater reservoirs 4200.
tetracycline, properties, transposon Tn10, Escherichia coli/phage λ 4203.
Antibiotics,
Bacillus pumilus, biosynthesis, association-phages 3504.
effects on phage 2C DNA duplication/recombination 7689.
Antibodies,
absence, poliovirus vaccination, association-poliomyelitis, case reports 3582.
adenovirus (human) 8, detection, man, methodology 4906.
administration, modification-canine distemper virus associated encephalitis, dogs 6783.
affinity/levels, relationship-haemagglutination inhibition, influenza A virus 5053.
age distribution, herpes simplex virus, man 7342.
age distribution/incidence, man, Italy, incidence strains 7359.
antigen δ, significance, hepatitis B surface antigen carriers 8019.
antigen e, activity, hepatitis B patients 1126.
antigen e, association-liver tumours/cirrhosis, man 344.
antigen e, presence, man, relationships-hepatitis B surface antigen subtypes 986.
antigen T, detection, tumours/tumour cells, man, BK virus, failure 2508.
assays, haemagglutination inhibition, measles virus, methodology 5003.
assays, immunofluorescence, Ross River virus, man 4217.
assays, nasopharynx tumours, Chinese, Epstein-Barr virus 5854.
association-abortion/foetuses death, man, H1 virus/X-14 virus 2548.
astrovirus, age distribution, children, UK 4475.
B-type virus/C-type virus, radioimmunoassay, methodology

IRL©1979

ntibodies,(continued)
7074.
inding, SV40 transformed fibroblasts, hamsters, complement effects on 5781.
inding-influenza virus haemagglutinin, electron microscopy 3550.
iosynthesis, cerebrospinal fluid, multiple sclerosis, man, viruses 280.
anine distemper virus/measles virus, levels, multiple sclerosis, man 7394.
haracterization, cattle, bovine leukaemia virus 3082.
haracterization, Dane particles, hepatitis B virus infection, man 1726.
haracterization, hemagglutinin, influenza A virus strains, chickens 886.
haracterization/preparation, baboon endogenous virus DNA polymerase (RNA-dependent) 6424.
haracterization/secretion, myeloma x spleen hybrids cell lines, mice, murine leukaemia virus 5133.
olostrum, effects on hog cholera virus vaccination, pigs 5704.
olostrum/milk, vaccination effects on, sheep, rotavirus 5701.
omplement dependent, levels, feline leukaemia virus infection, cats 5043.
ossreactivity/immunoelectrophoresis (crossed), herpes simplex virus 1/herpes simplex virus 2 glycoproteins 6410.
ytotoxic, susceptibility, C-type particles producing myeloma cell lines, melphalan effects on 4364.
ytotoxicity/complement activation mechanisms, measles virus 2444.
arna trima viruses, detection, man, British Isles/Malaysia 6697.
engue virus, detection, immunofluorescence, comparison-complement fixation/haemagglutination inhibition 4914.
ependent cytotoxicity, maternal/neonates lymphocytes/macrophages/monocytes, man, herpes simplex virus 5714.
etection, anti-complement immunofluorescence, cytomegalovirus 2255.
etection, bovine leukaemia virus, syncytium inhibition, Vero cells, methodology 3955.
etection, breast tumours, man, mammary tumour virus A-type particles 1819.
etection, cats, transmissible gastroenteritis virus 969.
etection, comparison-enzyme immunoassay/immunofluorescence/radioimmunoassay, varicella-zoster virus 4909.
etection, complement fixation/haemagglutination inhibition, coronavirus (human) OC43 3244.
etection, complement fixation/haemagglutination inhibition/immunodiffusion-haemolysis, methodology, coronavirus (human) OC43 5677.
etection, complement fixation inhibition, arbovirus 5607.
etection, correlation-viraemia, cytomegalovirus, man 3072.
etection, fluorescent antibody test, transmissible gastroenteritis virus, pigs 4920.
etection, foetus, cattle, bovine syncytial virus/respiratory syncytial virus 1724.
etection, gel precipitation, chickens, infectious bursitis virus 4910.
etection, Groupamatic test, blood donors, hepatitis B surface antigen 1574.
etection, haemagglutination (passive), pigs, hog cholera virus 190.
etection, haemagglutination (passive), transmissible gastroenteritis virus, pigs 5613.
etection, haemagglutination/complement fixation/gel precipitation, horses herpesvirus (equine) 1 4982.
detection, haemagglutination inhibition, rubella virus, non-specific inhibitors removal, methodology, comparative studies 855.
detection, haemagglutination inhibition, methodology, parainfluenza virus 3 infection, cattle 4210.
detection, haemagglutination inhibition, methodology, rubella virus 7068.
detection, haemagglutination inhibition/haemagglutination (passive)/immunofluorescence, influenza A virus 4227.
detection, haemagglutination inhibition/haemolysis, rubella virus, man 5671.
detection, haemagglutination inhibition/immunofluorescence, rubella virus, man 4917.
detection, haemolysis, comparison-haemagglutination inhibition, rubella virus 1572.
detection, haemolysis, mumps virus, children 2273.
detection, haemolysis (radial), influenza A virus 192.
detection, haemolysis (radial), rubella virus 856.
detection, haemolysis, rubella virus 854, 5609, 7864.
detection, haemolysis-in-gel, erythrocytes cryopreservation, influenza A virus/measles virus/mumps virus 6425.
detection, hepatitis B virus infection, man 285.
detection, immune adherence haemagglutination/radioimmunoassay, Norwalk agent 2259.
detection, immune-adherence haemagglutination, coronavirus (human) 229E 2267.
detection, immunodiffusion, horses, equine infectious anaemia virus 3515.
detection, immunodiffusion, influenza virus, birds 4226.
detection, immunodiffusion/immunofluorescence/complement fixation, bovine leukaemia virus, comparative studies 859.
detection, immunoelectrophoresis (counter), methodology, cytomegalovirus 1565.
detection, immunoelectrophoresis (counter), comparison-neutralization, rabies virus 2268.
detection, immunoelectrophoresis (counter), pseudorabies virus 7858.
detection, immunofluorescence, Epstein-Barr virus, man 4983.
detection, immunofluorescence blocking test, hepatitis B core antigen/hepatitis B virus antigen δ 6440.
detection, immunoperoxidase, Epstein-Barr virus 851.
detection, latex agglutination, measles virus, multiple sclerosis patients 5295.
detection, man, diagnosis-hepatitis A 5869.
detection, man, endogenous C-type virus (baboon)/simian sarcoma virus 2527.
detection, man, Friend leukaemia virus/simian sarcoma virus envelopes glycoproteins 3629.
detection, multiple sclerosis/subacute sclerosing panencephalitis, DNA/RNA/measles virus/rubella virus 1945.
detection, nasopharynx tumours, Epstein-Barr virus 2518.
detection, nasopharynx tumours, man, Epstein-Barr virus 2520.
detection, neutralization, micromethods, viruses 2251.
detection, neutralization, use-complement, pigs, pseudorabies virus 850.
detection, neutralization/immunofluorescence, methodology, rabies virus 861.
detection, neutralization/precipitin test, chickens, infectious bursitis virus 4911.
detection, plaques neutralization tests, mumps virus 2952.
detection, radioimmunoassay, hepatitis B core antigen 866.
detection, radioimmunoassay, methodology, hepatitis B virus 865.

Antibodies,(continued)
detection, syncytia regression in vitro, respiratory syncytial virus cattle 5442.
detection, systemic lupus erythematosus, hospitals personnel, viruses 1832.
Ebola virus, positive plasma, collection/processing, man 3520.
effects on coxsackievirus B04 spread, mice/kidney cell culture-monkeys 267.
effects on herpes simplex virus latent infection reactivation, mice 5765.
enzyme immunoassay, rabies virus 2269.
enzyme immunoassay, rubella virus 2262.
enzyme-linked immunosorbent assay, comparison-complement fixation, rotavirus 852.
enzyme-linked immunosorbent assay, hepatitis B surface antigen 5618.
enzyme-linked immunosorbent assay, influenza virus 5614.
enzyme-linked immunosorbent assay, reovirus 4912.
enzyme linked immunosorbent assay, rotavirus (bovine) 2945.
enzyme-linked immunosorbent assay, rotavirus 5603, 6416.
Epstein Barr virus, detection, rheumatoid arthritis, man 6631.
Epstein Barr virus, levels, relationship-recurrence, head and neck tumours, man 3713.
Epstein-Barr virus, relationship-complement C1Q binding activity, nasopharynx tumours patients 5720.
Epstein Barr virus, role-infectious mononucleosis diagnosis, man 5032.
Epstein Barr virus capsid antigen, levels, infectious mononucleosis/systemic lupus erythematosus, man 6517.
Epstein-Barr virus nuclear antigen, kinetics/levels, infectiousmononucleosis, man 6515.
Epstein Barr virus specific, detection, nasopharynx tumours patients 8158.
erythrocytes, role-autoimmune haemolytic anaemia + hepatitis (chronic active), case reports 4447.
excretion/levels, Hodgkin's disease, children, Epstein-Barr virus 1815.
feline infectious peritonitis virus, use-detection-transmissible gastroenteritis virus antigens, immunofluorescence, pigs 4921.
feline leukaemia virus transformation specific antigens, incidence, cats 6583.
Friend leukaemia virus glycoprotein gp71, treatment-AKR mouse, suppression-spontaneous leukaemia 5045.
galactoprotein/gangliosides, inhibition-transformation, murine sarcoma virus infected 3T3 cells, mice 5150.
haemagglutination inhibition, detection, 2-mercaptoethanol, diagnosis-measles 4228.
haemagglutination inhibition/neutralization, role-rubella immunity, man 5040.
haemagglutinin, induction/specificity, infection/vaccination, man, influenza A virus 7186.
hepatitis A virus, detection, immunoelectron microscopy/radioimmunoassay, man 5005.
hepatitis A virus, incidence/significance, man, Netherlands 8313.
hepatitis A virus, radioimmunoassay, methodology 7868.
hepatitis A virus/hepatitis B core antigen/hepatitis B surface antigen, incidence, blood donors, Vienna 5996.
hepatitis B antigen, determination, immunoelectrophoresis (counter)/haemagglutination (passive)/radioimmunoassay, comparison, man 870.
hepatitis B antigen, incidence, gonorrhoea/syphilis, man 1918.
hepatitis B antigen, radioimmunoassay 4928.
hepatitis B core antigen, detection, immunoelectrophoresis (counter) 2280.
hepatitis B core antigen, detection, markers-hepatitis B virus infection, man 1827.
hepatitis B core antigen, detection/significance, hepatitis (chronic), man 6540.
hepatitis B core antigen, hepatitis B surface antigen carriers 6543.
hepatitis B core antigen, immunoglobulin G/immunoglobulin M, levels, relationship-prognosis, hepatitis B, man 4452.
hepatitis B core antigen, use-hepatitis B diagnosis, man 5871.
hepatitis B core antigen/hepatitis B e antigen/hepatitis B surface antigen, incidence, multiple blood transfusion effects on, man 6704.
hepatitis B core antigen/hepatitis B e antigen/hepatitis B surface antigen, liver tumours, man 7269.
hepatitis B core antigen/hepatitis B surface antigen, role-liver pathology, hepatitis B, man 3643.
Hepatitis B core antigen/hepatitis B surface antigen, levels, serum/tissues, comparison, diagnosis-hepatitis B, man 3728.
hepatitis B core antigen/hepatitis B surface antigen, use-diagnosis hepatitis B, man 5872.
hepatitis B core antigen/hepatitis B surface antigen, incidence, haemophilia patients 6004.
hepatitis B e antigen, association-hepatitis B surface antigen/liver enzymes levels, hepatitis B surface antigen carriers, man 2541.
hepatitis B e antigen, association-hepatitis B surface antigen subtypes, man, Finland 6708.
hepatitis B e antigen, characterization/incidence/significance/transmission, hepatitis B, man, review 5751.
hepatitis B e antigen, detection, hepatitis B surface antigen carriers, man 6661.
hepatitis B e antigen, detection, immunodiffusion, hepatitis B surface antigen carriers, man 6437.
hepatitis B e antigen, detection, radioimmunoassay, hepatitis B, man 6439.
hepatitis B e antigen, distribution/incidence, hepatitis B surface antigen carriers, man 6007.
hepatitis B e antigen, immunoglobulin G/immunoglobulin M, levels, relationship-prognosis, hepatitis B, man 4452.
hepatitis B e antigen, incidence, correlation-hepatitis B surface antigen, liver diseases, man 2449.
hepatitis B e antigen, incidence, hepatitis B/hepatitis B surface antigen carriers/hepatitis (chronic), man 5273.
hepatitis B e antigen, incidence, hepatitis B surface antigen carriers/positive hepatitis, man 6000.
hepatitis B e antigen, incidence, man, association-liver diseases 3255.
hepatitis B e antigen, man/hepatitis virus B, prognosis 7193.
hepatitis B e antigen, radioimmunoassay 2954.
hepatitis B e antigen, relationship-prognosis, hepatitis B, man 7333.
hepatitis B e antigen, significance clinical, hepatitis B surface antigen positive hepatitis, man 6659.
hepatitis B e antigen/hepatitis B surface antigen, incidence, man, mental retardation institutions 3827.
hepatitis B surface antigen, age distribution/incidence, man, Ghana 5279.
hepatitis B surface antigen, association-jaundice incidence, man 2608.
hepatitis B surface antigen, association-glucose-6-phosphate dehydrogenase deficiency, man, Tanzania 3210.
hepatitis B surface antigen, association-heroin drug abuse, man 8322.
hepatitis B surface antigen, correlation-hepatitis (chronic)/liver cirrhosis immune status/pathogenesis, children 1730.
hepatitis B surface antigen, cytotoxicity-hepatitis B surface

IRL©1979

Antibodies,(continued)
antigen secreting liver cells 3641.
epatitis B surface antigen, detection, haemagglutination/radioimmunoassay, blood sampling methodology effects on, man 3532.
epatitis B surface antigen, detection, man, methodology 4925.
epatitis B surface antigen, effects on hepatitis B surface antigen radioimmunoassay 6435.
epatitis B surface antigen, enzyme-linked immunosorbent assay 3530.
epatitis B surface antigen, epidemiology, patients/medical personnel, institutions 1155.
epatitis B surface antigen, epidemiology, man, computers analysis 7372.
epatitis B surface antigen, immobilization-artificial proteins membranes 1578.
epatitis B surface antigen, incidence, cirrhosis/liver tumours, man, Taiwan 6005.
epatitis B surface antigen, incidence, children, Italy 6701.
epatitis B surface antigen, incidence, dentistry personnel 3252.
epatitis B surface antigen, incidence, hospitals personnel 6709.
epatitis B surface antigen, incidence, leprosy, man 6663.
epatitis B surface antigen, incidence, man, Romania 1921.
epatitis B surface antigen, incidence, man, Nauru 2643.
epatitis B surface antigen, incidence, man, Tuvalu 3828.
epatitis B surface antigen, incidence, medical personnel 6702.
epatitis B surface antigen, incidence, thalassaemia/families, man 1880.
epatitis B surface antigen, incidence/subtypes distribution, man, Taiwan 1913.
epatitis B surface antigen, incidence/transmission, kidney transplantation, man 3639.
epatitis B surface antigen, levels, commercial immunoglobulins 7083.
epatitis B surface antigen, levels, hepatitis (chronic active) 1731.
epatitis B surface antigen, presence, effects on grafts survival, kidney transplantation, man 5752.
epatitis B surface antigen, quantitation, serum, man, methodology comparison 5007.
epatitis B surface antigen, radioimmunoassay, methodology 4232.
epatitis B surface antigen, relationship-kidney transplantation rejection, man 2611.
epatitis B virus, diagnosis/prognosis, man, review 7195.
epatitis B virus antigens, radioimmunoassay, hepatitis B, children 4329.
epatitis virus A, levels, liver tumours, man 8162.
eptatitis B surface antigen, radioimmunoassay 868.
erpes simplex virus, detection, immunodiffusion 7059.
erpes simplex virus 2, association-cervix tumours, man 3709.
erpesvirus (equine) 1 envelopes/nucleocapsids, neutralization activity 7889.
eterophilic, induction, adenovirus infection, man 7168.
eterophilic, production, adenovirus (human) infection, man 7971.
mmune complexes-hepatitis B surface antigen, purification/electron microscopy, methodology 4951.
mmunoglobulin A/immunoglobulin G levels, nasopharynx tumours, man, Epstein-Barr virus 6603.
mmunoglobulin A/immunoglobulin M, rubella virus specific, persistence, use-diagnosis, man 7177.
mmunoglobulin G, detection, complement fixation/enzyme-linked immunosorbent assay, cytomegalovirus 7063.
immunoglobulin G/immunoglobulin M, detection, children, Epstein-Barr virus 6513.
immunoglobulin G/immunoglobulin M, hepatitis B core antigen/hepatitis B surface antigen, levels, relationship-hepatitis B virus persistent ifection, man 3644.
immunoglobulin M, absence, rubella (congenital), case reports 5041.
immunoglobulin M, detection, haemagglutination inhibition/immunofluorescence (indirect), rubella virus, infants 6422.
immunoglobulin M, detection, placenta, immunofluorescence, diagnosis-cytomegalovirus congenital infection, man 7064.
immunoglobulin M, detection immunofluorescence, tick borne encephalitis virus 7861.
immunoglobulin M, enzyme-linked immunosorbent assay, hepatitis A virus 7081.
immunoglobulin M, Epstein-Barr virus, immunofluorescence (indirect), false-positives, role-rheumatoid factor, man 7065.
immunoglobulin M, radioimmunoassay, rubella virus 6421.
incidence, bats, India, Kyasanur Forest disease virus 6070.
incidence, cancer patients, viruses 3705.
incidence, cats/dogs, rotavirus 512.
incidence, cattle, bovine leukaemia virus 5124.
incidence, cattle, rotavirus 2705.
incidence, cervix tumours, herpes simplex virus 1/herpes simplex virus 2, man, India 3711.
incidence, cervix tumours, man, herpes simplex virus 2 341.
incidence, cervix tumours, man, herpes simplex virus/SV40 5847.
incidence, chickens, Argentina, adenovirus (avian) 5310.
incidence, chickens, Egypt, Arab Rep., Rous sarcoma virus 2525.
incidence, children, adenovirus/herpes simplex virus/SV40 3708.
incidence, children/infants, India, rotavirus 5973.
incidence, condyloma acuminatum/warts, man, papilloma virus (human) 5026.
incidence, correlation-age, man, hepatitis A virus 2641.
incidence, ducks, USA, adenovirus (avian) 6751.
incidence, hepatitis (non-A, non-B), man, cytomegalovirus/Epstein-Barr virus 7296.
incidence, hospitals personnel, Liberia, Lassa fever virus 5982.
incidence, immune adherence haemagglutination, man, Norwalk agent 3789.
incidence, man, France, hepatitis A virus 5995.
incidence, man, Italy, hepatitis A virus 3251.
incidence, man, mental retardation, institutions, poliovirus 1141.
incidence, man, mental retardation institutions, hepatitis A virus 1912.
incidence, man, Nigeria, herpes simplex virus 1/herpes simplex virus 2 5240.
incidence, man, Norway, tick-borne encephalitis virus 5258.
incidence, man, Spain, hepatitis A virus 5271.
incidence, man, Zaire, Ebola virus 3809.
incidence, man, Zambia, viruses 1132.
incidence, man/horses/pigs, Romania, influenza A virus 5988.
incidence, Mastomys natalensis, Nigeria, Lassa fever virus 3870.
incidence, measles virus, vaccination recommendations, children, Italy 3249.
incidence, nasopharynx tumours, man, Sudan, Epstein-Barr virus 5165.
incidence, pigs, India, influenza A virus 5324.

Antibodies,(continued)
incidence, plasma, man, Sudan, Ebola virus 3810.
incidence, poliovirus, man, UK 1895.
incidence, pregnancy, man, herpes simplex virus/rubella virus 1137.
incidence, psychiatry patients, viruses 2542.
incidence, relationship-vaccination, children, viruses 1888.
incidence, rodents, laboratories, viruses 1976.
incidence, sheep, British Isles, Border disease virus 4537.
incidence, tick-borne encephalitis virus, correlation-agriculture/forestry, man, German Dem. Rep. 2626.
incidence, wildlife, Europe, rabies virus 5318.
incidence/detection, plasma, cattle, bovine leukaemia virus 858.
incidence/levels, central nervous system diseases, man, cytomegalovirus/herpes simplex virus/measles virus/rubella virus 4407.
incidence/levels, central nervous system diseases, man, cytomegalovirus/measles virus/rubella virus/varicella-zoster virus 4408.
incidence/persistence, influenza A virus, man, Gambia 1150.
induced cell surface antigens loss, Friend leukaemia virus transformed spleen cells, mice 4368.
induced cell surface modifications, role-establishment-persistent infection, measles virus infected HeLa cells 7189.
induced Gross leukaemia virus antigens distribution/modulation, in vitro 5146.
induced redistribution-influenza B virus induced surface antigen, MDCK cells, immunoelectron microscopy 4244.
induced redistribution-measles virus antigens, cell surface, Vero cells, electron microscopy 4246.
induction, phage T2 RNA, spleen, lymphosarcoma, rats 7969.
infectious bursitis virus, assays, gel precipitation, standardization 7066.
influenza A virus, antiviral activity/detection-colostrum, man 4322.
influenza B virus, antiviral activity/detection-colostrum, man 4322.
influenza virus haemagglutinins, binding sites, characterization/kinetics 2968.
inhibition-plaques formation, murine leukaemia virus, XC cells 3964.
interaction-complement + orf virus infected target cells, assays, chromium release test 5634.
Krebs II ascites cells components, inhibition-encephalomyocarditis virus induced RNA polymerase (RNA-dependent) activity 4122.
levels, ascitic fluid, mice, viruses, acids precipitation effects on 2249.
levels, ataxia-telangiectasia/Behcet's disease/immunodeficiency, Epstein-Barr virus, man 5031.
levels, Bhanja virus, sheep, Bulgaria 3302.
levels, cats, feline leukaemia virus 2481.
levels, cervix tumours patients/sexual partners, herpes simplex virus 2 5163.
levels, children, Ghana, Epstein-Barr virus 4309.
levels, children, relationship-poliovirus vaccination 3003.
levels, colostrum/milk, rotavirus vaccinated sheep 246.
levels, cytomegalovirus infection, relationship-smooth muscle antibodies, man 5718.
levels, Epstein-Barr virus, diagnosis-infectious mononucleosis, man 2435.
levels, Epstein-Barr virus, infectious mononucleosis, man 5035.
levels, glomerulonephritis/systemic lupus erythematosus patients, measles virus/influenza virus/parainfluenza virus/adenovirus 403.
levels, heart diseases, man, coxsackievirus B 3749.
levels, indications-vaccination, rubella virus, man 1711.
levels, infectious mononucleosis, ampicillin treatment effects on, man 5289.
levels, man, protection-vaccinia virus reinfection 1706.
levels, measles virus, hepatitis B associated liver tumours, man 8165.
levels, measles virus, multiple sclerosis, man 3847.
levels, measles virus/mumps virus/poliovirus/rubella virus, correlation-Clostridium tetani/Corynebacterium diphtheriae/Toxoplasma antibodie, man 5724.
levels, multiple sclerosis, measles virus/vaccinia virus 3275.
levels, nasal secretions, children, respiratory syncytial virus infection 5745.
levels, normal/tumour-bearing mice, mammary tumour virus 3137.
levels, relationship-cytomegalovirus induction-lymphocytes proliferation, man 5716.
levels, relationship-infection rate, man, influenza A virus 192.
levels, relationship-prognosis, measles, children 3635.
levels, relationship-prognosis, nasopharynx tumours, man, Africa, Epstein-Barr virus 3150.
levels, respiratory tract secretions/serum, pigs, hog cholera virus/influenza A virus infection 2437.
levels, systemic erythematosus, man, measles virus 1873.
levels/types, encephalomyocarditis virus infection, mice/pigs/rats 3315.
liver specific membranes lipoproteins, radioimmunoassay, hepatitis (acute)/hepatitis (chronic active), man 1725.
maedi virus/visna virus, detection, complement fixation/immunodiffusion/immunofluorescence, goats/sheep 4990.
maternal, effects on dengue virus 2 replication, leucocytes, neonates, man 6523.
maternal, effects on herpesvirus (turkey) vaccines efficacy, chickens 7152.
maternal, effects on infectious bursitis virus vaccination, chickens 5699.
maternal, effects on transmissible gastroenteritis virus vaccination, pigs, juveniles 7961.
maternal, varicella-zoster virus, incidence, neonates, man 8276.
maternal transfer, effects on herpesvirus (turkey)/Marek's disease virus vaccination antibody response, chickens 934.
maternal transfer, effects on hog cholera virus vaccination immune response, pigs 1687.
maternal transfer, infectious bursitis virus vaccinated chickens 1649.
maternal transfer, persistence, chickens, infectious bursitis virus vaccination 938.
maternal transfer, pigs, pseudorabies virus infection effects on 2724.
matrix protein, formation, influenza A virus infection, man 3093.
measles virus/rubella virus, levels, cerebrospinal fluid/serum, optic neuritis, man 8233.
measles virus/subacute sclerosing panencephalitis virus M protein, absence, subacute sclerosing panencephalitis, man 5743.
monoclonal, production, lymphocytes x myeloma cell hybrids 7967.
monoclonal, rabies virus, production, cell hybrids 2966.
nasopharynx tumours, man, Epstein-Barr virus 1816.
neutralization, bovine leukaemia virus, use-Chandipura virus/vesicular stomatitis virus pseudotypes 5610.
neutralization, detection, methodology, lymphocytic choriomeningitis virus 3518.

IRL©1979

Antibodies,(continued)
Norwalk agent/rotavirus, incidence, Crohn's disease, man 7308.
plaques neutralization, rubella virus, methodology 7071.
precipitins, detection, diagnosis-adenovirus (avian) infection, chickens 5711.
production, guinea-pigs, feline sarcoma virus/feline leukaemia virus/oncornavirus (feline) antigens-membranes 966.
production, murine leukaemia virus, lymphocytes x myeloma cells hybrids, mice 8098.
production, myeloma x spleen cells hybrids, mice, herpes simplex virus 1 7857.
quantitation, haemagglutination inhibition, rubella, methodology 4221.
quantitation, haemagglutination inhibition, pH effects on, rubella virus, man 4915.
radioactive labelling, Semliki Forest virus antigens detection, cell culture 5608.
radioimmunoassay, adenovirus 5 7855.
radioimmunoassay, hepatitis B surface antigen, glutamate oxaloacetate transaminase activity effects on, man 1576.
radioimmunoassay, hepatitis B surface antigen, man 4926.
radioimmunoassay, precipitation, influenza A virus 2271.
ratio, serum/cerebrospinal fluid, herpes simplex virus encephalitis, use-diagnosis 949.
reo-like virus, detection, use-Nebraska calf diarrhoea virus antigens, man 1568.
ribosomes, detection, hepatitis (chronic active), man 8246.
rubella, detection following immunoglobulin A/ immunoglobulin G elimination, serum, man 7862.
rubella virus, detection, haemagglutination (passive), comparison-haemagglutination inhibition, man 6423.
rubella virus, detection, haemagglutination (passive) 7069.
screening, recommendations, pregnancy, man, rubella virus 433.
serum, rabbits/sheep, precipitation-visna virus proteins 3517.
single stranded DNA, use-diagnosis-hepatitis 1065.
smooth muscle, immunoglobulins classes, significance-hepatitis B prognosis, man 5952.
specificity, influenza virus, mice 2442.
specificity, intestinal tract, pigs, enterovirus (porcine) vaccines 2411.
spermatozoa, sperm-C-type virus DNA polymerase (RNA-dependent) 2902.
subtypes determination, radioimmunoassay, hepatitis B surface antigen 4233.
suppression-herpes simplex virus replication in vitro, mechanisms 4303.
transfer, colostrum, sheep, orf virus 5659.
treatment, effects on cell surface morphology/visna virus mutants isolation, cell culture 4628.
viruses, immunoglobulin M, enzyme-linked immunosorbent assay, false-positives elimination 4905.
viruses, incidence, multiple sclerosis, man, review 6036.
viruses, levels, commercial preparations, immunoglobulins, man 4212.
Antibody response,
animals, Akabane virus, haemagglutination inhibition 2948.
Callithrix jacchus jacchus/Saguinus oedipus/Saimiri sciureus, Epstein-Barr virus experimental infection 3888.
cancer patients, influenza virus vaccination 4277.
cats, feline leukaemia virus DNA polymerase (RNA-dependent) 4319.
cats/skunks, rabies virus experimental infection 1262.
cattle, foot-and-mouth disease virus associated antigens 6519.
cattle, foot-and-mouth disease virus vaccines 3609.
cattle, foot-and-mouth disease virus vaccination 3610.
cattle, parainfluenza virus 3 vaccination 4299.
cattle/rabbits, malignant catarrhal fever virus early antigen 3620.
chickens, herpesvirus (turkey)/Marek's disease virus vaccination, antibodies-maternal transfer effects on 934.
chickens, inactivated/live Newcastle disease virus vaccines, administration routes effects on 5022.
chickens, infectious bursitis virus infection 7991.
chickens, Marek's disease virus infection/herpesvirus (turkey) vaccination 957.
chickens, Newcastle disease virus infection 6537.
chickens, Newcastle disease virus strains, relationship-tissues distribution 6786.
chickens, Newcastle disease virus vaccines 2423.
chickens, Yaba pox virus infection 3889.
chickens Newcastle disease virus vaccines, vaccination routes effects on 5021.
children, Austria, rubella virus vaccination 226.
children, Ghana, Epstein-Barr virus infection 4310.
children, poliovirus vaccination 915.
children, poliovirus vaccination/revaccination 912.
children, varicella-zoster virus immunization (passive) 3572.
chimpanzees, dengue virus experimental infection 538.
chronic kidney diseases patients, influenza virus vaccination 4997.
dengue virus/Japanese encephalitis virus antibodies positive man Japanese encephalitis virus vaccination 7131.
dogs, neonates, herpesvirus (canine) experimental infection 6088.
ferrets, influenza virus infection 972.
goats/sheep, peste des petitis ruminants virus/rinderpest virus 7888.
guinea-pigs, role-resistance-influenza A virus infection 5346.
hamsters, influenza virus infection 6532.
hamsters/mice/rabbits/guinea-pigs, influenza A virus vaccines 924.
hepatitis B virus infection/hepatitis B surface antigen carriers, hepatitis B core antigen 5749.
heterophilic, children, infectious mononucleosis 7986.
horses, equine infectious anaemia virus infection 5732.
immune/non-immune Macaca mulatta, adenovirus (simian) 20 infection 5712.
immunoglobulin G/immunoglobulin M, sheep erythrocytes, mouse hepatitis virus infection, mice, nude mutant 8002.
influenza A virus/influenza B virus vaccination, cancer patients 4278.
influenza virus, vaccines comparison, man 5001.
kidney diseases, children, influenza A virus vaccination 2398.
kinetics, man, infectious mononucleosis, Epstein-Barr virus antibody-dependent cell-mediated cytotoxicity 7982.
leucocytes migration inhibition, guinea-pigs, measles virus infection 5054.
lymphoma, Papio hamadryas, Herpesvirus papio 5048.
man, cytomegalovirus vaccines 5663.
man, females, cytomegalovirus infection 2559.
man, hepatitis A epidemics 5270.
man, hepatitis A virus infection 985.
man, herpes zoster 958.
man, influenza A virus haemagglutinin, influenza A virus split vaccines/whole vaccines vaccination 975.
man, influenza A virus vaccines 7143, 7144.
man, influenza A virus vaccines comparison 6497.
man, influenza A virus whole vaccines/split vaccines vaccination 927.
man, influenza virus aerosols/intranasal vaccination 4995.
man, influenza virus vaccination 1671.

Antibody response,(continued)
man, influenza virus vaccines 3590.
man, papilloma virus (human), warts 6507.
man, rabies virus vaccines 4274, 4276.
man, vaccinia virus vaccines 2376.
mice, influenza virus infection 7185.
mice, rabies virus vaccines efficacy evaluation 4994.
mice, relationship-AKR leukaemia susceptibility 8121.
mice, Sendai virus experimental infection 6774.
mice strains, AKR leukaemia virus, relationship-endogenous murine leukaemia virus levels 8120.
monoclonal, lymphocytes B precursors specificity, mice, influenza A virus infection 273.
multiple sclerosis/amyotrophic lateral sclerosis, arbovirus 1182.
mumps virus haemagglutinin/haemolysin, inactivated/live vaccines, comparison, man 3602.
nasal secretions/serum, inoculation routes effects on, influenza virus vaccination, man 5680.
neonates, sheep, louping-ill virus vaccination 939.
Pan troglodytes, adenovirus (simian) urinary tract infection 257.
Pan troglodytes, hepatitis B virus infection 8017.
pigs, following pseudorabies virus repeated vaccination 5012.
rabbits, Borna virus infection 2275.
relationship-administration routes, influenza A virus, mice 4562.
secretory, cattle, foot-and-mouth disease virus infection 268.
sheep, juveniles, respiratory syncytial virus experimental infection 7456.
sheep, sheep pox virus/goat pox virus 265.
stimulation, interferon, role-lymphocytes T, mice 2986.
turkeys, bluecomb disease 1708.
vesicular stomatitis virus infected mice, role-vesicular stomatitis virus replication-lymphocytes T 3088.

Anticarsia gemmatalis,
fat body cells ultrastructure, nuclear polyhedrosis virus infection 7464.
nuclear polyhedrosis virus, isolation/pathogenicity/pathology/replication 6146.

Antifungal activity,
Candida, leucocytes (polymorphonuclear), measles, children 2445.

Antigen (leukaemia-associated),
characterization, Abelson leukaemia virus 882.

Antigen (tumour-associated),
appearance, Marek's disease virus infection, chickens 3118.
cell mediated cytotoxicity, cyclophosphamide effects on, mice, SV40 induced antigen (tumour-associated) 7210.
characterization, Gross leukaemia virus induced lymphoma, rats 3134.
characterization, Marek's disease virus induced lymphoma 8067.
characterization, Moloney sarcoma virus induced tumours, rats 4378, 4379.
characterization, Rous sarcoma virus induced tumours, Japanese quails 1020.
characterization, SV40 infected/non-infected/transformed cells, mice 6560.
characterization/detection, surface, tumour cells, mice, AKR leukaemia virus/Friend leukaemia virus 2293.
detection, cervix tumours, man, herpes simplex virus 5848.
detection, lymphocytes mediated cytolysis, spleen focus-forming virus, in vitro 334.
detection, nonproducer cells/producer cells, Rauscher leukaemia virus 5833.
expression, genetic control, spleen focus-forming virus, role-Fv-2 gene, mice 8136.
expression, surface, avian cells, avian leucosis virus/avian sarcoma virus 2291.
fibroblasts, mice, cross-reactivity-Moloney leukaemia virus 3544.
herpesvirus (turkey)/nononcogenic Marek's disease virus, presence, infected chickens 2960.
immune response, SV40 induced sarcoma, mice 3663.
mammary tumour virus, detection, breast tumours cell lines, man 4393.
mammary tumour virus, expression, extracellular membrane vesicles, leukaemia GRSL cells, mice 5835.
Moloney leukaemia virus induced lymphoma, mice 3135.
polyoma virus/SV40, review 5087.
SV40, immune response (cell-mediated), mice, histocompatibility gene mapping 5027.

Antigen (tumour-specific),
antigenicity, SV40, hamsters/mice 4238.
BK virus induction, tumour cells, hamsters 874.
characterization, feline sarcoma virus transformed cells 4361.
characterization/isolation, SV40 induced sarcoma, mice 5095.
expression, BK virus transformed cells, cross-reactivity-SV40 antigen (tumour-specific) 6556.
induction, SV40 temperature-sensitive mutant, hamsters, in vitro/in vivo 1004.
purification behaviour, comparison-SV40 antigen T 876.
relationship-antigen T, SV40 transformed cells, mice 3542.
role-SV40 induced tumours rejection 1750.
SV40, lymphocytes T cytotoxicity, genetics, mice 7209.
virus determined, Rauscher leukaemia virus induced leukaemia RBL-3, mice 1038.

Antigen δ,
antibodies, detection, hepatitis B surface antigen carriers 8016.
hepatitis B virus, antibodies detection, immunofluorescence blocking test 6440.
significance, hepatitis B surface antigen carriers 8019.

Antigen e,
activity, hepatitis B patients 1126.
association-liver tumours/cirrhosis, man 344.
presence, man, relationships-hepatitis B surface antigen subtypes 986.

Antigen T,
absence-brain tumours, man, papovavirus 1048.
addition, phenotypic complementation-SV40 DNA biosynthesis defective temperature-sensitive mutant, CV-1 cells 818.
amino acid sequence/DNA nucleotide sequence coding, homology-SV40/polyoma virus, comparative studies 6448.
antigenic determinants properties, comparison-antigen U, SV40 3538.
antigenic relationship-adenovirus (human) 3/adenovirus (human) 7/adenovirus (human) 12 198.
association-nucleoproteins complex, SV40 2882.
binding-chromosomes, infected fibroblasts, Muntiacus muntjak, SV40 197.
biosynthesis, cell-free system, SV40 6449.
biosynthesis/phosphorylation, SV40 transformed cells, hamsters 3540.
characterization, adenovirus (human) 12, HEp-2 cells/fibroblasts-chickens 1580.
characterization, polyoma virus, review 3985.
characterization, polyoma virus infected/transformed hamsters cells 4340.
characterization, polyoma virus temperature-sensitive mutant, infected/transformed cells 4936.

IRL©1979

Antigen T,(continued)
characterization/localization, SV40 transformed cells 3539.
characterization/structure, SV40 2957.
detection, tumours/tumour cells, man, BK virus, failure 2508.
expression, adenovirus (human) 12, embryo cells, chickens, leucocytes interferon effects on 199.
expression, epidermis keratinocytes, man, relationship-SV40 effects on differentiation/growth, in vitro 3386.
expression, genetics, man, SV40 3541.
expression, inhibition-interferon, SV40 infected cells 6464.
expression, relationship-cell cycle, SV40 transformed cells 8052.
expression, SV40, skin fibroblasts, man, interferon effects on 877.
expression, SV40 transformed x normal cells hybrids, mice 8047.
genes identification, adenovirus (human) 12 transformed cells 2286.
high molecular weight, biosynthesis, cell-free system, SV40 2183.
induction, adenovirus (human) 12, KB cells/RK-13 cells, immunofluorescence 2287.
induction, cell lines, mice, polyoma virus nontransforming mutants 2284.
large/small, isolation/characterization, SV40 875.
N-terminus tryptic peptides, characterization, SV40 878.
nucleotide sequence analysis, SV40 deletion mutant 6201.
peptides characterization, polyoma virus 4696.
physical properties, alkylation effects on, SV 40 4014.
production, SV40 infected/transformed cells, interferon effects on 4970.
protein kinase activity, SV40 7693.
proteins, relationship-adenosinetriphosphatase/protein kinase activity, SV40 4239.
purification behaviour, SV40, comparison-antigen (tumour-specific) 876.
quantitation, immunoperoxidase, SV40 2082.
relationship-antigen (tumour-specific), SV40 transformed cells, mice 3542.
relationship-SV40-adeno-hybrid virus proteins 5461.
SV40, binding-single-stranded DNA 5624.
SV40, expression, meningioma, man 7259.
SV40 related, detection, brain tumours, cancer 5846.
N-terminus, BK virus DNA coding, nucleotide sequence 3979.
transcription, polyoma virus/SV40 DNA, Xenopus laevis oocytes 2879.
translation, in vitro, polyoma virus 2179.
Antigen t,
BK virus DNA coding, nucleotide sequence 3978.
coding regions nucleotide sequence, SV40 deletion mutant 6234.
expression, inhibition-interferon, SV40 infected cells 6464.
relationship-SV40 induced DNA biosynthesis theophylline sensitivity 4743.
identification-DNA sequence coding, SV40 1473.

Antigen U,
antigenic determinants properties, comparison-antigen T, SV40 3538.
characterization/localization, SV40 transformed cells 3539.
Antigen 0-1,
conversion, Salmonella typhimurium, phage P22 x phage Fels 1 4208.
Antigenic characteristics,
avian myeloblastosis-associated virus envelopes glycoproteins, host cells effects on 3406.
B-tropic murine leukaemia virus, C57BL mice 321.
calicivirus, review 2147.
cell lines derived from Marek's disease 2289.
CELO virus induced hepatocellular carcinoma/sarcoma cell lines, hamsters 1007.
cherry leaf roll virus, isolation-Juglans regia 77.
cytoplasmic polyhedrosis virus, comparison-Bombyx mori/Dendrolimus spectabilis/Lymantria dispar 4002.
feline panleucopenia virus strains 872.
foot-and-mouth disease virus plaques variants, trypsin treatment effects on 2961.
foot-and-mouth disease virus plaques variants 7089.
gibbon ape leukaemia virus 2964.
haemagglutinin, influenza A virus isolated-birds 7093.
herpesvirus, isolation-Nymphicus hollandicus 1581.
influenza A virus, China 4945.
influenza A virus haemagglutinin polypeptides 1591.
influenza A virus isolates, comparison, man/pigs 7885.
influenza A virus nucleoproteins 4946.
influenza A virus strains 4886, 7886.
influenza A virus strains, chickens 886.
influenza A virus strains, Taiwan 6452.
influenza A viruses, USSR 4944.
influenza virus, sonication effects on 4243.
mammary tumour virus DNA-binding protein 1506.
Mason-Pfizer monkey virus, comparison-Mason-Pfizer monkey virus-like oncornavirus 5628.
mumps virus glycoproteins 1402.
parainfluenza virus 3 6453.
paramyxovirus isolated-Accipiter virgatus gularis 4245.
pseudorabies virus, inactivation, acridine dyes/bromoethyleneimine/cobalt-60, effects on 5482.
Rous sarcoma virus transformed cells, hamsters 4356, 4357.
Streptococcus cremoris phages, host range mutants 4935.
Streptococcus phages 4197.
surface extracts, Epstein-Barr virus positive Raji cells 4241.
togavirus, review 2148.
western equine encephalitis virus, passage-Culex tarsalis/Culiseta melanura effects on 4553.
Antigenic determinants,
hepatitis B e antigen, association-Dane particles cores 4948.
hepatitis B surface antigen, comparison-serum glycoproteins, man 1595.
histocompatibility antigen HLA, lymphocytes B/lymphocytes T, infectious mononucleosis, man 5034.
identification, hepatitis B e antigen 3547.
influenza A virus haemagglutinin 205, 3546, 3556.
influenza A virus haemagglutinins, N-terminus cyanogen bromide peptides 4955.
influenza virus haemagglutinin 7884.
properties, SV40 antigen T/antigen U, comparison 3538.
Rauscher leukaemia virus/C-type virus, detection, radioimmunoassay, D-type virus derived from J-96 cells 2963.
Rous sarcoma virus envelopes glycoproteins 4242.
Antigenic drift,
detection, methodology, influenza A virus neuraminidase 5615.
influenza A virus 3044, 5629.
influenza A virus, relationship-haemagglutinin structure 3559.
influenza A virus, review 2296.
influenza A virus nucleoproteins 4946.
influenza A virus strains, Taiwan 6452.
mechanisms/role-epidemiology, influenza A virus 2297.
Antigenic relationship,
adenovirus (human) 12/adenovirus (human) 18/adenovirus

Antigenic relationship,(continued)
(human) 31, determination, haemagglutination inhibition 2285.
adenovirus (human) 3/adenovirus (human) 7/adenovirus (human) 12 antigen T 198.
Aino virus/Samford virus 4941.
Arrhenatherum blue dwarf virus/Lolium enation virus/oat sterile dwarf virus, immunoelectron microscopy 1598.
barley yellow dwarf virus isolates 7095.
beet western yellows virus/soybean dwarf virus/turnip yellows virus/beet mild yellowing virus/barley yellow dwarf virus 890.
bluetongue virus/epizootic haemorrhagic disease of deer virus/Ibaraki virus 1585.
calicivirus strains 1584.
California encephalitis virus/Jamestown Canyon virus/La Crosse virus/Lumbo virus/snowshoe hare virus/Tahyna virus/Trivitattus virus 4942.
Congo virus/Dugbe virus/Ganjam virus/Hazara virus/Nairobi sheep disease virus 2962.
cytomegalovirus strains 880.
eucharis mottle virus/potato black ringspot virus/tobacco ringspot virus strains 6151.
goat pox virus/orf virus/sheep pox virus 7088.
influenza A virus epidemics strains 885.
influenza B virus strains 7094.
influenza C virus strains 2298.
K virus/polyoma virus 196.
Kashmir bee virus strains 6852.
man breast tumours antigens/mammary tumour virus glycoproteins 7881.
oncornavirus (avian)/oncornavirus (bovine)/oncornavirus (equine)/Mason Pfizer monkey virus/squirrel monkey virus/visna virus 2965.
papilloma virus (human), hypersensitivity, comparison-immune resonse (humoral), guinea-pigs 3063.
papilloma virus (human)/Shope papilloma virus 2956.
papilloma virus isolates 7087.
papovaviruses 873.
parvovirus (porcine) strains 1214
plants viruses, serological tests, review 3534.
Pseudomonas aeruginosa phages 6447.
rabies virus/rabies-like virus strains 7090.
Rift Valley fever virus strains 7880.
simian haemorrhagic fever virus strains 1587.
viruses, immunoelectrophoresis (counter) 188.
Antigenic variants,
influenza A virus haemagglutinin, characterization, in vitro 887.
influenza A virus strains, epidemiology, man, USA, California/USA, Washington 1151.
Antigenic variation,
influenza virus 2294.
influenza virus, passage, immunization (passive)-chick embryos 2295.
mechanisms/role-epidemiology, influenza A virus 2297.
Antigenicity,
bovine diarrhoea-mucosal disease virus, cell lines, cattle 1586.
ECHOvirus 7 procapsids, temperature effects on 3405.
foot-and-mouth disease virus variants, chymotrypsin/trypsin effects on 1388.
hepatitis B surface antigen, lipids removal effects on 203.
influenza A virus haemagglutinin glycopeptides, rabbits 7099.
influenza virus vaccines, complete/subunits, mice 3898.
interferon, review 2312.
SV40 antigen (tumour-specific), hamsters/mice 4238.
transmissible gastroenteritis virus, pigs 5019.
Antigens,
AKR leukaemia virus/Moloney leukaemia virus/spleen focus-forming virus induced, relationship 8096.
Autographa californica nuclear polyhedrosis virus, stimulation-DNA biosynthesis, lymphocytes, man 3444.
binding-macrophages, mice, lactic dehydrogenase virus infection effects on 4318.
Border disease virus, localization, cell culture/tissues, sheep, immunofluorescence 8357.
bovine rhinotracheitis virus, hypersensitivity (delayed) response, cattle 7975.
C antigen, characterization, hepatitis (non-A, non-B), hepatitis virus 2300.
C-type virus, detection, bursa of Fabricius, chickens 7217.
C-type virus, expression, normal/malignant lymphocytes, detection, antibody-dependent cell-mediated cytotoxicity, mice 3130.
capsid antigen, Epstein-Barr virus, antibodies levels, infectious mononucleosis/systemic lupus erythematosus, man 6517.
cell membranes, oncornavirus, cats associated, enzyme immunoassay 5611.
cell membranes, oncornavirus, cats associated, concentration/isolation, tissue culture fluids, methodology 5814.
cell surface, adenovirus (human) 2 transformed cell lines, rats, relationship-histocompatibility antigen Ag-B 3665.
cell surface, expression, genetic control, murine leukaemia virus, role-gene Fv-1, mice 8099.
cell surface, loss, antibodies induced, Friend leukaemia virus transformed spleen cells, mice 4368.
cell surface, Moloney leukaemia virus induced lymphoma, orientation, relationship-histocompatibility antigen H-2, mice 8112.
cell surface, Moloney leukaemia virus induced, characterization, lymphoma cells, mice 8113.
cell surface, vaccinia virus induced, relationship-histocompatibility antigen H-2, infected cells, mice 7023.
cell surface, xenotropic murine leukaemia virus related, lymphocytes, mice 6593.
cell surface/intracellular, communication, role-actin, measles virus 7887.
characterization, BSC cells, transfection, DNA derived from hepatitis B patients liver 1597.
characterization, Epstein-Barr virus envelopes/producer cells 5626.
characterization, Fiji disease virus 7096.
characterization, immunoelectrophoresis, cucumber mosaic virus 3535.
characterization, rabies virus 1589.
characterization, Streptococcus phages associated hyaluronidase 6446.
characterization, Tenebrio molitor iridescent virus 29, comparison-iridescent virus strains 2809.
characterization/localization, rotavirus (bovine) 4939.
comparison, normal/persistent infection, simian foamy virus, HEp2 cells 7882.
comparison-Mason-Pfizer monkey virus/Saimiri sciureus oncornavirus (simian) 883.
competition, cell culture, Sindbis virus + Getah virus mixed infection 587.
complement fixation, physicochemical properties, Oriboca virus 6451.
concentration-polyethylene glycol, complement fixation, foot-and-mouth disease virus 2256.
cross-reactivity, influenza virus strains 4943.
cucumber mosaic virus, immunoelectrophoresis 3549.
cytomegalovirus induced, cells membranes, kinetics/

IRL©1979

ntigens,(continued)
relationship-replication 6167.
-type virus, detection, breast tumours, man 7264.
-type virus associated, detection, cell lines 3704.
etection, complement fixation/immunofluorescence, cytomegalovirus 2255.
etection, Crohn's disease, rotavirus 1108.
etection, enzyme immunoassay/fluorescent antibody test/immunoperoxidase test/radioactive labelling antibodies, Semliki Forest virus, cell ulture 5608.
etection, hepatitis B virus infection, man 285.
etection, Hyalomma asiaticum, haemagglutination (indirect), Bhanja virus 857.
etection, immunodiffusion, bovine leukaemia virus, leukaemia, cattle 2265.
etection, immunodiffusion, faeces, enteritis, cattle, rotavirus 2258.
etection, immunodiffusion, faeces/intestine, diarrhoea, cattle, rotavirus 2946.
etection, immunodiffusion, Marek's disease virus, feathers extracts, chickens 4908.
etection, immunodiffusion, milk, man, mammary tumour virus 5857.
etection, immunoelectrophoresis (counter), dengue virus 6420.
etection, immunofluorescence, cats, feline leukaemia virus 2949.
etection, immunofluorescence, feline leukaemia virus 7073.
etection, immunofluorescence, transmissible gastroenteritis virus, use-feline infectious peritonitis virus antibodies, pigs 4921.
etection, immunoperoxidase, Epstein-Barr virus 851.
etection, lymphocytes, Hodgkin's disease/infectious mononucleosis/tonsillitis, Epstein-Barr virus, man 262.
etection, multiple sclerosis brain 465.
etection, placenta, man, C-type virus 5856.
etection-leucocytes, man, influenza A virus vaccination 925.
etection/pathogenesis, cerebellum cells, mice, rabies virus 2013.
arly antigen, biosynthesis, Epstein-Barr virus, mechanisms/phosphonoacetic acid effects on, lymphoblastoid cell lines 3463.
arly antigen, comparison-BK virus/SV40 5527.
arly antigen, cytomegalovirus infection, immunoglobulin G response, man 4306.
arly antigen, expression, Epstein-Barr virus inactivation, radiation (u.v.), nonproducer cells, caffeine effects on 2764.
arly antigen, identification-DNA-binding protein, cytomegalovirus 7721.
arly antigen, induction, superinfection/uridine (5'-iodo-2'-deoxy) treatment, Epstein-Barr virus positive lymphoma cell lines 580.
arly antigen, induction-poxvirus strains, infected cells 7727.
arly antigen, malignant catarrhal fever virus, antibody response, cattle/rabbits 3620.
arly antigen, production/characterization, Epstein-Barr virus/Herpesvirus papio/Herpesvirus pongo/Herpesvirus pan, comparative studies 1582.
pstein-Barr virus associated; detection, lymphoblastoid cell lines, Herpesvirus papio producer cells 7534.
xpression, correlation-pathogenesis, Rauscher leukaemia virus induced leukaemia immune response, mice 1713.
xpression, Gross leukaemia virus/Moloney leukaemia virus lymphoma, mice 1036.
xpression, stem cells, mice, endogenous C-type virus 2292.
xpression, subacute sclerosing panencephalitis virus persistent infection, BHK cells 3967.
foetuses, hamsters, cross-reactivity-SV40 transformed prostate tissues 3112.
foot-and-mouth disease virus associated, antibody response, cattle 6519.
formation, cowpox virus, cells, cowpox virus + Sendai virus infection effects on 6873.
Friend leukaemia virus, expression, lymphocytes/lymphoma, mice 8000.
Gross leukaemia virus, antibodies induced distribution/modulation, in vitro 5146.
hepatitis B virus, diagnosis/prognosis, man, review 7195.
herpes simplex virus, activation-lymphocytes 2433.
hexons, characterization, adenovirus (equine) 4938.
host, Sendai virus growth-chick embryos/KB cells 6182.
hosts, identification, influenza A virus haemagglutinin 1590.
hosts, incorporation, myxovirus/paramyxovirus 3422.
hosts, Sendai virus growth-chick embryos/KB cells 6884.
identification/purification, herpes simplex virus, HEp-2 cells 4240.
induction, Herpesvirus papio, lymphoblastoid cell lines, baboons/man, comparison-Epstein-Barr virus 1334.
induction, infected cells, immune response, rabbits, vaccinia virus 1705.
induction-interferon, review 2314.
influenza virus, induction-cytotoxic lymphocytes T 2439.
isolation/physical characteristics, hepatitis A virus 4947.
isolation/purification, liver, avian erythroblastosis virus infected chickens 1765.
levels, children, Ghana, Epstein-Barr virus 4309.
levels, normal/tumour-bearing mice, mammary tumour virus 3137.
localization, trigeminal ganglion, hamsters, rabies virus 6776.
localization-organs, hepatitis A virus infection, Saguinus mystax 2735.
lymphocytes, mice, rabies virus infection effects on 7182.
measles virus, cell surface, Vero cells, antibodies induced redistribution, electron microscopy 4246.
measles virus, localization/brain pathology, experimental infection, mice 6784.
membranes, antibodies production, guinea-pigs, oncornavirus (feline) 966.
membranes, characterization, radioimmunoassay, feline sarcoma virus induced 860.
membranes, early/late, comparison, herpesvirus (turkey), in vitro 6450.
membranes, Epstein-Barr virus induced, characterization/isolation, lymphoid cells, man 8157.
membranes, influenza A virus infected cells, lymphocytes T cytotoxicity, mice 8009.
membranes, papilloma virus (bovine) induced fibroma cells 5085.
membranes, solubilization, papain, Epstein-Barr virus induced, Raji cells 881.
MS, hepatitis (chronic) treatment, man 1174.
Nebraska calf diarrhoea virus, use-detection-reo-like virus antibodies, man 1568.
neutralization, serum-kidney diseases patients, Mason-Pfizer monkey virus 1600.
nuclear, purification/characterization, Epstein-Barr virus 200.
nuclear antigen, association-chromosomes, hybrid cells, Epstein-Barr virus 1428.
nuclear antigen, characterization/purification, Epstein-Barr virus, Raji cells, man 5464.
nuclear antigen, cross-reactivity, Epstein-Barr virus/Herpesvirus papio 7879.
nuclear antigen, detection, Burkitt's lymphoma, man, Japan, Epstein-Barr virus 2516.

Antigens,(continued)
nuclear antigen, detection, herpesvirus (simian) carrying marmosets cell lines 5625.
nuclear antigen, detection, modified immunofluorescence, Epstein-Barr virus 5601.
nuclear antigen, DNA binding properties, fixed nuclei, chromatography studies, Epstein-Barr virus 2288.
nuclear antigen, Epstein-Barr virus, positive cell lines, man, alkaline phosphatase characterization/production 2088.
nuclear antigen, Epstein-Barr virus, stimulation-transcription, cell lines, man 6287.
nuclear antigen, induction, absence-transformation, Epstein-Barr virus, lymphocytes, man 2959.
nuclear antigen, solubilization-Raji cells chromatin, hydroxyapatite/salt/urea fractionation, Epstein-Barr virus 1583.
preparation, immunofluorescence, central nervous system/tissues, dogs, canine distemper virus 5742.
presence, nasopharynx carcinoma, man, Epstein-Barr virus 1057.
protein p30, activation, endogenous C-type virus, liver tumours, rats 1045.
pseudorabies virus, detection, leukaemia, man 5850.
quantitation, immunoelectrophoresis (rocket), Marek's disease virus 2941.
RD-114 virus, absence, feline leukaemia virus infected cats 6526.
related-mammary tumour virus, detection, man 8161.
rinderpest virus, preparation, use-complement fixation 7867.
rotavirus, detection, faeces, cattle, juveniles, methodology 4987.
soluble, characterization, serum, mice, Rauscher leukaemia virus infecton 329.
soluble antigen, production, cell lines, cattle, bovine diarrhoea-mucosal disease virus 1586.
subgroups, cross-reactivity, feline leukaemia virus 202.
surface, detection, Epstein-Barr virus carrying lymphoid cells 201.
surface antigen, characterization, Rous sarcoma virus tumour cells, rats 1773.
surface antigen, expression, herpes simplex virus 2 transformed cells, actinomycin D effects on 2958.
surface antigen, influenza B virus induced, antibodies induced redistribution, MDCK cells, immunoelectron microscopy 4244.
SV40 specific, detection, SV40-adeno-hybrid virus infected/transformed HeLa cells 4343.
transformation specific, feline leukaemia virus, antibodies incidence, cats 6583.
tumours, expression, inhibition-interferon, SV40 infected cells 6464.
types specific, characterization, immunoelectrophoresis (crossed), herpes simplex virus 1 3543.
types specific, detection, amphotropic/ecotropic/xenotropic murine leukaemia virus infected mink cells 6591.
typing, haemagglutination inhibition, influenza A virus 7091.
viruses, stimulation-lymphocytes, man 7973.
Antisera,
murine leukaemia virus, recognition-growth control/transformation specific proteins, cells, mice 8114.
preparation, adenovirus, methodology 7167.
preparation, cats, calicivirus (feline) 7859.
production, equine infectious anaemia virus proteins, rabbits 3516.
use-poliovirus strains differentiation 5602.
Antithymocyte globulin,
treatment-multiple sclerosis 463.
Antitoxins,
Clostridium tetani, detection, children, viruses meningitis 1077.
α_1-Antitrypsin,
deficiency, use-prognosis-hepatitis, man 6722.
Antitumour activity,
benzaldehyde derivatives, SV40 transformed cell lines 7204.
interferon, clinical trials, man, conference 8465.
interferon, in vitro/in vivo 7897.
interferon, isoprinosine effects on, mice 7917.
interferon, mechanisms, mice 2355.
interferon, mechanisms, mice, review 2356.
interferon, review 4958.
macrophages, murine sarcoma virus infected mice 5736.
Antitumour agents,
interferon 6476.
Antiviral activity,
acrylic acid copolymers-maleic anhydride, correlation-molecular weight, absence 3099.
1-acyl-2-chloro-3-formylindoles-thiosemicarbazone derivatives 3104.
adenine arabinoside 5′-(O-acyl) derivatives 3647.
adenine arabinoside/hypoxanthine arabinoside, chromatography (thin-layer) assays 5061.
adenosine (5′-sulphamino-5′-deoxy)/thymidine (5′-sulphamino-5′-deoxy) 1732.
Aedes albopictus cells, Sindbis virus persistent infection 3100.
alcohols, ECHOvirus 11/herpes simplex virus 1 5755.
amantadine/cyclooctylamine/ribavirin/spiroamantadine, influenza A virus infection, cell culture/trachea organ culture-ferrets 989.
amines, poliovirus 290.
amines (trihalogenomethyl), influenza virus infection, mice 990.
2-amino-4-arylamino-s-triazines derivatives 5081.
ammonium quaternary compounds 5063.
ammonium quaternary compounds/disinfectants 991.
AMP arabinoside, poxvirus/herpesvirus infection, animals/efficacy 992.
arsenomolybdic acid/arsenovanadotungstic acid/phosphotungstic acid/tungstosilicic acid, sugarcane mosaic virus 1733.
Aspergillus ochraceus 6-MFA, arbovirus 1745.
benomyl/triforine, tobacco mosaic virus, Nicotiana 5756.
benzimidazole/benzothiazoline/cyclopentanone/2,2-dithienyl/isatin/propanone/theophylline/thiophene derivatives 4334.
benzimidazole derivatives 5757.
benzyl diketone, herpes simplex virus 2455.
bisulphite/sulphite, pH effects, phage T1 2458.
Bombyx mori fluorescence proteins, nuclear polyhedrosis virus 5770.
bonaphthone/oxolin/phlorenal/rimantadine 5066.
Candida tropicalis, polysaccharides characterization 5758.
carminomycin 7198.
cationic surfactants/cationogenic surfactants 999.
chemicals contraceptives, herpes simplex virus 1/herpes simplex virus 2 1735.
chlorhexidine diacetate, pseudorabies virus, in vitro 993.
comparison-graft versus host reaction, role-histocompatibility antigens 5709.
Constantinea simplex/Farlowia mollis extracts 288.
cytidine (5-methylamino-2′-deoxy) 291.
cytosine arabinoside/uracil arabinoside-5-substituted derivatives 5068.
detection, serum, influenza A/influenza B, man 7183.
detection, urine, following adenine arabinoside administration, man 4336.

IRL©1979

Antiviral activity,(continued)
1,5-diamino anthraquinones 5767.
β-diketones aryl bis derivatives, in vitro/in vivo, herpes simplex virus 2454.
disinfectants, comparison, coxsackievirus B5 3649.
disinfectants, rabies virus 3650.
DNA biosynthesis inhibitors, adenovirus (human) replication, HeLa cells 5760.
drugs, evaluation, Kirsten sarcoma virus transformation in vitro 8022.
evaluation in vivo/in vitro, antiviral agents, methodology 286.
florenal, influenza A virus 1736.
glycosides, role-effects on lipid composition/membrane composition, Sendai virus 8028.
guanidinopyrimidines 5763.
guanine (3-deaza) derivatives 3651.
guanine/guanosine/GMP imidazo[1,2-a]-s-triazine analogues 2456.
histones derived from animals/plant extracts 5070.
2-(α-hydroxybenzyl)benzimidazole, indoles analogues 4338.
hydroxytoluene (butylated) 1742.
indolmycin thiazolinone analogues 1738.
induction, interferon mRNA, L929 cells 4969.
influenza A virus/influenza B virus antibodies, colostrum, man 4322.
interferon, clinical trials, man, conference 8465.
interferon, enhancement, AMP (cyclic) 6461.
interferon, L929 cells, indomethacin effects on 1615.
interferon, mechanisms, review 2329, 2339.
interferon, passive transfer, in vitro 1632.
interferon, potentiation, carriage-liposomes, mouse hepatitis virus-3 infected mice 2362.
interferon, review 2309.
interferon, role-cell membranes receptors 1607.
interferon, role-cell surface binding, review 2331.
interferon, role-effects on cell surface 1625.
interferon, role-hosts, Macaca mulatta 5654.
interferon, role-interaction-cell surface, review 2332.
interferon, separation-effects on cells 2307.
interferon, studies, use-antisera 7894.
interferon I/interferon II, review 2359.
iodophor K30, phage T4/poliovirus 5764.
isoprinosine, review 8029.
Iodonal 1739.
leucocytes interferon, intranasal administration, man 903.
lymphocytes T, role-histocompatibility antigen H-2, mice 4300.
C-nucleosides 8031.
nucleosides derivatives, review 3105.
C-nucleosides thiazole derivatives, herpes simplex virus 1/parainfluenza virus 3/rhinovirus (human) 13 994.
phenylacetoaminomethylene nitrophenylalanine, murine leukaemia virus, mice, in vitro/in vivo 8032.
plant extracts 4339.
poly (G.C)/poly (I.C), Venezuelan equine encephalitis virus 3652.
pretazettine hydrochloride, Rauscher leukaemia virus infected cells, mice 995.
pyrimidine (deoxy) nucleosides 5-halo-5′-amino analogues 292.
pyrimidine nucleosides derivatives, herpes simplex virus 1 5073.
pyrimidines derivatives 996.
quinoxaline derivatives 8035.
rabies virus induced, serum, chickens, inhibition-Rous sarcoma virus replication 5505.
ribavirin 5074, 8036.
ribavirin derivatives 1740.
ribavirin phosphate derivatives 997.
seaweed products 2452.
standardization, man fibroblasts interferon, failure 1605.
styrylquinazolines derivatives 5078.
substituted adenines 4337.
thiazolin derivatives 5079.
thiourea derivatives, potato virus X replication, Nicotiana tabacum 5080.
tilorone dihydrochloride/analogues 1001.
tilorone hydrochloride/analogues, role-interferon induction, mengovirus infection, mice 7119.
trisodium phosphonoformate, herpesvirus 2459.
tunicamycin, Newcastle disease virus, lipids effects on 1743.
tyrothricin, Sendai virus 2451.
uridine (5-carboxy-2′-deoxy) 1002.
uridine (5-cyano)/uridine (5-cyano-2′-deoxy) 296.
vesicular stomatitis virus, as-triazines derivatives 295.
yeasts extracts 6553.
zinc, chlorides effects on 5082.
1-β-D-ribofuranosyl-1,2,4 triazole-3-carboxamide synthesis 294.
Antiviral agents,
α-adamantyl carbonyl compounds, synthesis 6547.
adenine arabinoside + arabinosylhypoxanthine administration, detection-antiviral activity, urine, man 4336.
antiviral activity evaluation in vivo/in vitro, methodology 286.
apple, Malus pumilus beverages 5064.
applications/development/efficacy 5060.
book 6554.
characterization, Phytolacca americana plant extracts 8033.
cytidine (spongo), synthesis 3648.
derived from Streptococcus faecalis, effects on herpes simplex virus 1 plaques formation, HeLa cells/physicochemical characteristics 5076.
derived from Streptococcus faecalis, effects on adenovirus (human) 12 tumours induction/herpes simplex virus 1 infection, mice 5077.
development, review 3645.
development/efficacy, review 4335.
efficacy, influenza 1634.
efficacy, man 2453, 5062.
evaluation, hand hygiene 5065.
formazans/tetrazolium 7200.
interferon 6476.
isolation/activity, Chenopodium amaranticolor 6550.
resistance, scrapie agent 5296.
stimulation/mechanisms, tobacco mosaic virus infection, Nicotiana 287.
thymidine analogues, herpes simplex virus 1 1000.
Antiviral protein,
analysis, mRNA 5638.
Antiviral state,
establishment, relationship-interferon receptors function/structure 2978.
induction-interferon, kinetics, fibroblasts 7900.
induction-interferon absence, mechanisms 2304.
interferon induced, L cells, ammonium salts effects on 2973.
role-interferon biosynthesis regulation, Ehrlich ascites tumour cells 4971.
Anuraphis middletonii,
watermelon mosaic virus 2 transmission, Cucurbita pepo 562.
Aotus trivirgatus,
herpes simplex virus/Herpesvirus tamirinus vaccination 7952.
Herpesvirus saimiri induced lymphoma, inhibition-levamisole effects on lymphocytes response-phytohaemagglutinin 1760.
JC virus induction-brain tumours 3108.

Aotus trivirgatus,(continued)
respiratory syncytial virus infection, temperature sensitive mutant isolates, stability 7037.
respiratory syncytial virus temperature-sensitive mutant infection, clinical manifestations/immune response 7455.
Apanteles melanoscelus,
baculovirus, DNA/proteins characterization/isolation 5354.
virus-like particles replication 5353.
Apes,
zoological gardens, British Isles, rotavirus infection 1981.
Aphidicolin,
effects on adenovirus (human) 2 DNA biosynthesis, CHO cells/HeLa cells 7710.
Aphididae,
transmission-watermelon mosaic virus 2, USA, Florida 3361.
vectors-viruses, Chile 560.
Aphis craccivora,
cucumber mosaic virus transmission, Vigna radiata, USA, Missouri 1304.
transmission-bean yellow mosaic virus 2053.
Aphis fabae,
strains, transmission-beet mild yellowing virus, Beta vulgaris 8457.
transmission-bean yellow mosaic virus 2053.
Aphis gossypii,
transmission-cucumber mosaic virus, Musa 6263.
transmission-cucumber mosaic virus strains, role-coat protein 7484.
Apis mellifera,
bee sacbrood virus infection control 7461.
chronic bee paralysis virus, ribonuclease effects on 3324.
Egypt bee virus characterization/isolation 6852.
filamentous nuclear virus, host range/isolation/physical properties/transmision 3905.
protein biosynthesis, brain/intestine, bee paralysis virus infection effects on 7460.
virus-like particles isolation 4568.
viruses, review 3323.
Apium graveolens,
celery latent virus host range/properties/transmission/cytopathogenesis/classification 2745.
Aplasia,
bone marrow, association-herpesvirus stomatitis, man, case reports 368.
Apodemus agrarius,
role-arenavirus infection transmission, man, Korea, Rep. 3243.
Apodemus flavicollis,
Czechoslovakia, Tettnang virus isolation 7428.
Apolipoprotein A,
levels, serum, man, hepatitis (acute) 1877.
Aporia crataegi,
nuclear polyhedrosis virus infection, effects on proteins metabolism 7465.
Apple chlorotic leafspot virus,
enzyme-linked immunosorbent assay 7874.
replication, Chenopodium quinoa, inhibition, ribavirin 6807.
Aqueous humour,
chemotaxis/cells infiltration, rabbits, herpes simplex virus uveitis 6083.
Arachis hypogaea,
groundnut chlorotic spot virus infection, effects on chlorophyll activity/morphology 5373.
groundnut chlorotic spot virus infection, effects on nucleotides levels/ratios 8443.
India, peanut mottle virus detection/incidence/transmission 4582.
viruses infection 3932.
Arachnida,
viruses infection, review 2738.
Arbovirus,
antibodies, detection, complement fixation inhibition 5607.
antibody response, multiple sclerosis/amyotrophic lateral sclerosis 1182.
antiviral activity, Aspergillus ochraceus 6-MFA 1745.
assays, haemagglutination/haemagglutination inhibition, use-formalin preservation erythrocytes, geese 6418.
association-mosquitoes/ecology/identification, USSR 4476.
ecology, environmental changes effects on, Australia 5255.
epidemiology, geographic localization, USSR 1899.
epidemiology, man/vectors, USA, Iowa 427.
epidemiology/persistent infection/properties, review 2094.
induction-interferon, cells, man/chickens/mice 2984.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4478.
infection, inhibition-peritrophic membrane, Culex tarsalis 6791.
seroepidemiology, man, Australia/Indonesia 8287.
seroepidemiology, man, Gabon 3792.
seroepidemiology, man, India 428.
seroepidemiology, man, New Guinea 6682.
seroepidemiology, man, Nigeria 5975.
seroepidemiology, man, Senegal 3791.
seroepidemiology, man/animals, Italy 5974.
transmission, Aedes, Nigeria 8289.
transmission, birds 8288.
transmission, role-birds, India 5256.
Archips argyrospila,
granulosis virus infection cytopathology 545.
pest control, use-Baculovirus 4569.
Arenavirus,
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4488.
infection, man, transmission, role-Apodemus agrarius, Korea, Rep. 3243.
infection, monkeys, interferon/interferon inducers effects on 1644.
Argas persicus,
viruses characterization/isolation 6141.
Argasidae,
isolation-Chim virus 7493.
Argentina,
adenovirus (avian) antibodies incidence, chickens 5310.
equine infectious anaemia virus seroepidemiology, horses 517.
hepatitis B virus infection, role-hepatitis (chronic), man 5954.
rubella virus seroepidemiology, man 3793.
tomato spotted wilt virus infection, Cynara scolymus 5388.
Argentine haemorrhagic fever,
ecology/epidemics/epidemiology, man 3798.
pathogenesis, role-immune complexes/complement activation 968.
treatment, immunoglobulins, man 8335.
Arginase,
levels, tears, herpes simplex virus experimental infection, cornea, rabbits 4543.
Arginine,
deprived cells, herpes simplex virus 1 DNA analysis 2189.
levels, tears, herpes simplex virus experimental infection, cornea, rabbits 4543.
Argulus foliaceus,
Rhabdovirus carpio isolation 3307.
transmission-spring viraemia of carp virus, Cyprinus carpio 2711.

IRL©1979

Arhar mosaic virus,
nfection, effects on chemical composition, fruits, Cajanus cajan 5369.
Arm,
amputated, pain, association-herpes zoster, man, case reports 1851.
Arogya-wardhani,
reatment-hepatitis, man, clinical trials 5290.
Arracacha virus A,
characterization/classification/isolation, Arracacia xanthorrhiza, Peru 2071.
solation/classification/characterization/transmission, Arracacia xanthorrhiza, Peru 1321.
Arracacia xanthorrhiza,
Peru, Arracacha virus A characterization/classification/isolation 2071.
Peru, arracacha virus A isolation/classification/characterization/transmission 1321.
Arrhenatherum blue dwarf virus,
antigenic relationship-Lolium enation virus/oat sterile dwarf virus, immunoelectron microscopy 1598.
Arsenomolybdic acid,
antiviral activity, sugarcane mosaic virus 1733.
Arsenovanadotungstic acid,
antiviral activity, sugarcane mosaic virus 1733.
Artherosclerosis,
association-viruses infection, children/infants 2547.
Arthritis,
association-Epstein-Barr virus infection, man 7299.
association-hepatitis B 6660.
association-hepatitis B virus infection, man, review 5222.
association-smallpox, man, case reports 385.
association-varicella, children, case reports 5193.
Arthrogryposis,
outbreaks, cattle, Australia, Aino virus/Akabane virus aetiology 1203.
Arthropods,
Glycine max, USA, Missouri, biological control, Baculovirus heliothis + Bacillus thuringiensis 8421.
viruses infection, book 7459.
viruses vectors, infection rates estimation, statistical analysis 4565.
Artichoke Italian latent virus,
properties, comparison-isolates 674.
Artichoke yellow ringspot virus,
nfection, cytology, Phaseolus vulgaris 3929.
Artificial insemination,
cattle, Denmark, bovine rhinotracheitis virus infection epidemiology/control/eradication 498.
cattle, Denmark, bovine rhinotracheitis virus infection epidemiology/persistence 1217.
Ascitic fluid,
mice, viruses antibodies levels, acids precipitation effects on 2249.
Ascorbic acid,
inactivation-poliovirus 1/coxsackievirus A9/ECHOvirus 7 1734.
Asia,
nfluenza A virus strains distribution, pigs 6761.
smallpox eradication 448.
Asialofetuin,
+ thymidine (trifluoro), effects on ectromelia virus DNA biosynthesis, hepatocytes, mice 7728.
Aspartate aminotransferase,
ctivity, diagnosis-hepatitis, man 7279.
Aspergillosis,
ssociation-hepatitis B, man, case reports 2602.
Aspergillus,
bronchitis, association-canine distemper, dogs, case reports 8362.

Aspergillus foetidus virus S,
double-stranded RNA, transcription 2213.
RNA, transcription 93.
Aspergillus ochraceus,
6-MFA, antiviral activity, arbovirus 1745.
Aspergillus oryzae,
nuclease cleavage sites, avian sarcoma-leucosis virus DNA intermediates 1499.
Aspirin,
intoxication + influenza virus infection, effects on liver enzymes/histology, Mustela putorius 5345.
Assays,
adenovirus (human) 2 proteins complex-DNA 621.
adenovirus DNA 5′-terminus, complex-proteins 4782.
avian infectious bronchitis virus, trachea organ culture, chick embryos 1328.
avian myeloblastosis virus/hepatitis B virus DNA polymerase 7747.
bovine leukaemia virus 1327.
chick embryos trachea organ culture, avian infectious bronchitis virus 14.
chromatography (thin-layer), adenine arabinoside/hypoxanthine arabinoside antiviral activity 5061.
detection-potato spindle tuber viroid, Solanum tuberosum 5360.
development, mice, Friend leukaemia virus 574.
diagnosis-cytomegalovirus infection, man 1566.
endogenous/exogenous avian leucosis virus/chickens helper factor, cell lines, Rous sarcoma virus absence 8078.
enteroviruses, activated sludge 425.
Epstein-Barr virus antibodies, nasopharynx tumours, Chinese 5854.
Friend leukaemia virus, target cells, mice, methodology 3956.
immunofluorescence, cytomegalovirus, cell culture 2940.
interferon, comparison/review 2322, 2323.
interferon, review 2321.
interferon, use-effects on oncornavirus positive RD-114 cells 4965.
lettuce necrotic yellow virus RNA polymerase (RNA-dependent), infected Nicotiana glutinosa 2909.
methodology, Silverwater virus 7522.
modified serum neutralization tests, methodology, bovine rhinotracheitis virus 5600.
mouse hepatitis virus, cell lines, DBT cells 4621.
neutralization, potato yellow dwarf virus/wound tumour virus, Aceratogallia sanguinolenta/Agallia constricta cell culture 1579.
phages ghosts lysis-Escherichia coli 2922.
poliovirus/adenovirus/reovirus, Crassostrea virginica 1896.
polykaryocytosis inhibition, bovine leukaemia virus infection, cattle 573.
rabies virus plaque formation, methodology 5.
rapid, interferon, review 2324.
replication defective murine leukaemia virus, plaques formation, XC cells 2761.
SV40 infection/transformation, embryo cells, rats 3116.
transforming/non-transforming avian reticuloendotheliosis virus, quail fibroblasts 5108.
Assembly,
adeno-associated virus, in vitro, adenovirus/herpesvirus helper viruses effects on 4847.
adenovirus (human) 2 temperature-sensitive mutant, genetic analysis 6385.

Assembly,(continued)
mutants, complementation/recombination, vaccinia virus 7818.
oncornavirus (murine)/oncornavirus (avian), models 796.
papaya mosaic virus, in vitro 802.
papaya mosaic virus, initiation 800.
papaya mosaic virus, kinetics 1523.
papaya mosaic virus, RNA specificity 801.
phage λ, role-FI gene products 3483.
phage λ heads, mutants, genetic analysis 3488.
phage λ heads, role-groE gene 3482.
phage φ29, collars/tails proteins 4152.
phage PM2, in vitro 4846.
phage PM2, review 2141.
phage P22 1460.
phage T3, role-preheads 4153.
phage T4, tail fibres attachment, role-wac gene 4155.
phage T4 preheads 791.
phage T4 tails proteins 4012.
polyoma virus capsids + DNA, particles characterization 7784.
preheads, phage T4, role-gene 40 1519.
Rauscher leukaemia virus, role-membranes-glycoproteins-structural protein interaction 4849.
Rauscher leukaemia virus temperature-sensitive mutant, cell surface, fibroblasts, mice, induction, ligands/low temperature 5546.
ribonucleoproteins, influenza A virus, inhibition, canavanine 4852.
role-M protein, Sendai virus temperature-sensitive mutant, kidney cells, hamsters 4853.
role-phage T4 gene 31 protein 54.
role-phage T4 gene 63 protein 647.
Semliki Forest virus nucleocapsids, precursors detection, embryo fibroblasts, chickens 795.
Sendai virus nucleocapsids 799.
tail fibres, mutants, characterization/isolation, phage T4 4154.
tobacco mosaic virus 1524.
tobacco mosaic virus, molecular models 7790.
tobacco mosaic virus, RNA incorporation during 4159.
tobacco mosaic virus disassembly intermediates 803.
vesicular stomatitis virus glycoproteins 1510.
vesicular stomatitis virus glycoproteins, microsomes membranes 6351.
Asthma,
association-viruses respiratory tract infection, children 5176.
Asticcacaulis biprosthecum,
phage φAcM_2/phage φAcM_4/phage φAcS_2 characterization/adsorption-flagella/pili 4734.
Astrovirus,
aetiology, enteritis, children, review 8182.
aetiology, gastroenteritis/physicochemical properties, neonates, man 6251.
antibodies, age distribution, children, UK 4475.
association-gastroenteritis, children 1858.
experimental infection, adults, man, clinical manifestations 6648.
gastroenteritis outbreaks, children 2575.
gastrointestinal tract infection, diagnosis, man 1822.
morphology, electron microscopy, comparison-calicivirus 7635.
Ataxia-telangiectasia,
Epstein-Barr virus antibodies levels, man 5031.
Epstein-Barr virus infection, target cells identification, man 5719.
herpes simplex virus disseminated infection complications, man, case reports 3165.
Atherosclerosis,
chickens, Marek's disease virus induction 483.
Athymic nude mice,
avirulent Semliki Forest virus infection pathogenesis 2007.
failure-hepatitis A virus/hepatitis B virus infection 543.
mouse hepatitis virus infection, effects on tumours growth 5775.
Semliki Forest virus avirulent strains neurovirulence 6095.
Venezuelan equine encephalitis virus infection 536.

xenografts, papilloma virus (rabbit) infected rabbits skin, transformation 5086.
ATP,
levels, Lactobacillus casei, effects on PL-1 phage adsorption 2163.
role-vesicular stomatitis virus RNA biosynthesis initiation in vitro 4828.
ATP (3'-Deoxy),
inhibition-cowpea chlorotic mottle virus/tobacco mosaic virus RNA polymerase (RNA-dependent) RNA biosynthesi 4147.
ATPase,
role-phage T4 infection, Escherichia coli 6957.
ATPase (Mg dependent),
Nicotiana tabacum leaves, tobacco mosaic virus infection effects on 6289.
Aulacorthum solani,
levels, relationship-subterranean clover red leaf virus infection incidence/seasonal variations, Vicia faba 8452.
Auromomycin,
induced strands breaks, phage T7/SV40 DNA 7578.
Australia,
Aino virus/Akabane virus aetiology, arthrogryposis/hydranencephaly outbreaks, cattle 1203.
Aino virus/Akabane virus seroepidemiology, cattle 3301.
Akabane virus isolation/transmission-Culicoides brevitarsis, cattle 7429.
arbovirus ecology, environmental changes effects on 5255.
arbovirus seroepidemiology/vectors incidence 8287.
bluetongue virus isolation-Culicoides 3298.
bluetongue virus isolation/ecology, Culicoides 508.
bluetongue virus surveillance, sheep 3869.
coronavirus isolation, diarrhoea, sheep 492.
coronavirus isolation, faeces, dogs/man 518.
equine infectious anaemia incidence, horses 6758, 6759.
equine infectious anaemia virus seroepidemiology, horses 2710.
herpesvirus (bovine) 1 infection, mouth + oesophagus, diagnosis/immune response/symptoms, cattle 6050.
herpesvirus (equine) 1 association-reproductive failure, horses 481.
herpesvirus (equine) 1 intrauterine infection, horses 482.
herpesvirus isolated-Macropus parma, seroepidemiology, marsupials 1218.
influenza epidemics, man 1148.
myxoma virus seroepidemiology, Oryctolagus cuniculus, role-fleas 1220.
myxomatosis epidemiology, Spilopsyllus cuniculi effects on, rabbits 3867.
myxomatosis epizootiology, Oryctolagus cuniculus 504.
Newcastle disease virus isolation, Cacatua moluccensis 7434.
Ross River virus isolation/pathology, horses 6745.
rotavirus characterization/isolation, diarrhoea, horses 1202.
tulip breaking virus epidemiology/control, Tulipa 1307.

IRL©1979

Australia, Queensland,
cytomegalovirus infection incidence, rodents 1219.
watermelon mosaic virus incidence/pathology, Cucurbita 5389.
Austria,
adenovirus/reovirus seroepidemiology, poultry 8368.
hepatitis A virus seroepidemiology, man 7371.
infectious bursitis seroepidemiology, poultry 8375.
Newcastle disease control/prophylaxis, poultry 7963.
rubella virus vaccination, antibody response, children 226.
vaccination incidence, children 3581.
Autism,
man, role-viruses 7317.
Autoantibodies,
biosynthesis, mice, interferon effects on 1639.
detection, immunofluorescence, hepatitis (chronic active) diagnosis, man 3527.
determination, use-diagnosis-liver diseases 1067.
levels, influenza virus vaccination, man 7141.
levels, mice, murine leukaemia virus infection 6772.
levels, relationship-lymphocytes cytotoxicity, hepatitis (chronic active), man 283.
Autographa californica,
baculovirus, temperature-sensitive mutant, genetic analysis 7826.
biological control, nuclear polyhedrosis virus 8427.
cell culture, nuclear polyhedrosis virus plaque assay 575.
larvae, nuclear polyhedrosis virus infection, viruses heterogeneity 8425.
nuclear polyhedrosis virus, adaptation-Spodoptera littoralis 5355.
nuclear polyhedrosis virus, antigens, stimulation-DNA biosynthesis, lymphocytes, man 3444.
nuclear polyhedrosis virus, DNA, characterization 7603.
nuclear polyhedrosis virus, DNA, restriction endonuclease analysis, comparison-infectious forms 639.
nuclear polyhedrosis virus, DNA mapping 4006.
nuclear polyhedrosis virus, growth, Trichoplusia ni cell lines 595.
nuclear polyhedrosis virus, infected TN-368 cells, oxygen consumption 1448.
nuclear polyhedrosis virus, infection, TN-368 cells 594.
nuclear polyhedrosis virus, passage in vitro/in vivo, structural protein characterization 4025.
nuclear polyhedrosis virus, proteins characterization 6242.
nuclear polyhedrosis virus, strains, DNA, restriction endonuclease mapping 6243.
nuclear polyhedrosis virus, temperature-sensitive mutant, characterization/complementation/isolation 7827.
nuclear polyhedrosis virus isolates, proteins/virions 6942.
Autoimmune diseases,
incidence, New Zealand Black mouse, interferon effects on 7121.
induction, Sendai virus, aged mice 6073.
Autoimmune haemolytic anaemia,
association-hepatitis (chronic active), man 4447.
Autoimmunity,
induction-hepatitis B virus vaccines, incidence, man 5688.
mice, adenovirus (simian) 7 oncogenesis 3667.
Autoradiography,
immune, hepatitis B surface antigen detection, blood, hepatitis B, man 5617.
Avena byzantina,
cytopathology, use-barley yellow dwarf virus strains classification 6147.
Avena sativa,
barley yellow dwarf virus Rhopalosiphum maidis isolates infected, cytology 8448.
barley yellow dwarf virus tolerance 2743.
Canada, barley yellow dwarf virus infection outbreaks 2752.
virus-like particles detection/physical properties 5487.
yield, barley yellow dwarf virus infection effects on 7473.
Avian encephalomyelitis virus,
purification, ultracentrifugation 1325.
Avian erythroblastosis virus,
antigens, isolation/purification, liver, infected chickens 1765.
replication defective temperature-sensitive mutant, leukaemogenicity, in vitro/in vivo 1764.
replication defective viruses isolation/characterization 8076.
RNA, transformation specific sequence 8077.
transformed erythroblasts, chickens, globin mRNA biosynthesis 311.
transformed nonproducer cells, chickens, gag gene protein biosynthesis 3466.
Avian infectious bronchitis,
diagnosis, haemagglutination inhibition, evaluation, chickens 191.
Avian infectious bronchitis virus,
assays, chick embryos trachea organ culture 14.
assays, trachea organ culture, chick embryos 1328.
infection, pathogenesis, chickens 1259.
isolates, differentiation, replication thermoresistance, chick embryos 1352.
mixed infection-Mycoplasma gallinarum, induction-airsacculitis, chickens 6787.
resistance, trachea organ culture derived from avian infectious bronchitis virus infected chickens 5446.
RNA structure, comparison-coronavirus (human)/mouse hepatitis virus 3402.
seroepidemiology, ducks, India 7435.
susceptibility, kidney/oviduct organ culture, chickens 5447.
vaccination, chickens, infectious bursitis virus infection effects on 5725.
vaccination, efficacy/trachea histology, chickens 3057.
Avian laryngotracheitis,
diagnosis, immunofluorescence/viruses isolation-kidney cells/chick embryos, chickens, comparative studies 475.
Avian laryngotracheitis virus,
seroepidemiology, ducks, India 7435.
vaccines, efficacy/production, cell culture 5010.
Avian leucosis,
pathology/transmission, quail 3672.
Avian leucosis virus,
antigen (tumour-associated), expression, surface, avian cells 2291.
antigens/excretion, chickens, egg production selection effects on 7219.
biological properties/oncogenicity, strains isolated-USSR 1766.
detection/properties, use-radioimmunoassay 2263.
DNA sequence, detection, cells, chickens 7218.
endogenous, genes, relationship-chickens genes, review 4353.
endogenous, linkage-genomes, cells, chickens 3121.
endogenous/exogenous, assays, cell lines, Rous sarcoma virus absence 8078.
endogenous/exogenous, DNA polymerase (RNA-dependent), comparison 1493.
endogenous expression, chickens strains 8079.
envelope glycoprotein mRNA, precursors identification 1492.
genomes, integration sites, DNA, infected embryo cells, chickens 6341.
genomes mapping, use-competition, endogenous/exogenous viruses 1539.
growth/pathology, chick embryos 4632.

Avian leucosis virus,(continued)
induced tumours, birds, comparison 1767.
resistance, chickens, genetic analysis 5802.
resistance, selection, chickens 2473.
tumorigenicity/target cells specificity, review 5106.
Avian myeloblastosis,
associated viruses induced anaemia, clinical manifestations, chickens 5107.
tumours development, cyclophosphamide/dexamethasone effects on, chickens 5796.
Avian myeloblastosis-associated virus,
envelopes glycoproteins, characterization/isolation/antigenic characteristics 3406.
Avian myeloblastosis virus,
adenosinetriphosphatase, characterization 6996.
associated proteinases, biochemical properties 58.
core protein, relationships-DNA polymerase (RNA-dependent) polypeptides 145.
DNA biosynthesis initiation, oligo (dC) binding sites mapping 4806.
DNA polymerase + ribonuclease, DNA biosynthesis 7745.
DNA polymerase, assays 7747.
DNA polymerase (RNA-dependent), allosteric properties 4807.
DNA polymerase (RNA-dependent), characterization/isolation 3467.
DNA polymerase (RNA-dependent), endonuclease activity 4809.
DNA polymerase (RNA-dependent), inhibition, pyridoxal-5′-phosphate, tRNA effects on 6998.
DNA polymerase (RNA-dependent), inhibition, sodium pyrophosphate 764.
DNA polymerase (RNA-dependent), role-mutagenesis 6997.
DNA polymerase (RNA-dependent), transcription-cowpea mosaic virus RNA 2908.
DNA polymerase (RNA-dependent), use-Sindbis virus complementary DNA biosynthesis 143.
DNA polymerase (RNA-dependent) associated ribonuclease H, inhibition, RNA 772.
DNA polymerase (RNA-dependent) associated endonuclease, characterization 7746.
DNA polymerase activity, zinc effects on 3468.
endodeoxyribonuclease activity 59.
glycoproteins, stimulation-glycolysis/sugars uptake, embryo fibroblasts, chickens 8080.
glycoproteins/proteins/RNA isolation 6157.
induced leukaemia (acute myeloblastic), cyclophosphamide induced immunosuppression effects on, chickens 7220.
infection, bone marrow cells, effects on target cells differentiation 5730.
infection, induction-immunosuppression, chickens 3080.
infection, susceptibility, avian cells 1340.
nucleoside triphosphatase, characterization 763.
protein kinase, characterization/isolation 4808.
proteins, preparation, isoelectric focusing 570.
RNA biosynthesis/DNA biosynthesis, transformed cells, actinomycin D/daunomycin effects on 1494.
RNA 35S, binding-tRNA Trp, cattle, role-DNA polymerase (RNA-dependent) 7748.
transformation, fibroblasts, in vitro 3122.
transformation, target cells specificity, in vitro 3673.
virions, RNA biosynthesis, relationship-reverse transcription 4129.
Avian myelocytomatosis virus,
recombination-Rous associated virus, genomes, nucleotide sequence analysis 7594.
RNA, structure, electron microscopy 3397.
transformation, fibroblasts, in vitro 3122.
transformation, target cells specificity, in vitro 3673.
tumorigenesis genes nucleotide sequence detection-fibroblasts, chickens 7749.
Avian myelocytomatosis virus MC29,
induction-liver tumours, turkeys 5105.
RNA, characterization 3998.
transformation genes, characterization 825.
infection, bone marrow cells, effects on target cells differentiation 5730.
RNA, comparison-Mill Hill 2 virus 5455.
RNA, mapping 4678.
Avian pox virus,
infection, Agapornis personata, case reports 3285.
Avian reticuloendotheliosis virus,
antigenic relationship-C-type virus, mammals 4354.
antigenic relationship/evolution relationship-C-type virus (mammalian) 7221.
contamination-Marek's disease virus vaccines, pathogenesis, chickens 243.
DNA polymerase (RNA-dependent), characterization, comparison-avian myeloblastosis virus/Friend leukaemia virus 2200.
DNA polymerase (RNA-dependent) deficient/positive, RNA, characterization 4132.
induced lymphoma, chickens 8081.
infection, clinical manifestations/pathology/transmission, chickens 5803.
infection, effects on lymphocytes response-mitogens, chickens 3081.
isolation/infectivity, chickens, Marek's disease virus vaccines contaminants 7959.
transformed bone marrow cells, chickens, ribonucleoproteins complex isolation/characterization 1495.
transforming/non-transforming, assays, quail fibroblasts 5108.
Avian sarcoma-leucosis virus,
DNA intermediates, Aspergillus oryzae nuclease cleavage sites 1499.
Avian sarcoma virus,
antigen (tumour-associated), expression, surface, avian cells 2291.
characterization/isolation, spontaneous tumours, chickens 8083.
DNA, integration, transformed fibroblasts, chickens/ducks/quails 2201.
DNA, purification, methodology, infected QT6 cells 2899.
DNA, restriction endonuclease mapping 2202.
DNA integration, infected cells, review 146.
DNA sequence, detection, cells, chickens 7218.
endogenous, genes, relationship-chickens genes, review 4353.
gag gene/pol gene products, protein biosynthesis 2898.
genomes, integration sites, DNA, infected embryo cells, chickens 6341.
genomes, 5′-terminus, transposition-mRNA 766.
genomes 5′-terminus complementary DNA, DNA polymerase (RNA-dependent) elongation, Triton X-100 effects on 6999.
induced tumours, immunity/immunological enhancement, chickens/quail 6525.
induction-tumours, chickens, BCG effects on 3678.
infected cells, src gene proteins characterization/detection 7222.
infected chickens, sera derived from, neutralization-vesicular stomatitis virus pseudotypes 5739.
pathogenicity, cyclophosphamide effects on, chickens 5807.

IRL©1979

vian sarcoma virus,(continued)
oduction, infected embryo cells, chickens, cytidine (5-methyl) effects on 3486.
otein p60^{src}, antigenicity/characterization, transformed avian cells 1496.
plication defective, DNA polymerase (RNA-dependent), binding-tRNA 1498.
striction, Marek's disease virus transformed lymphoid cell lines 1014.
NA biosynthesis, embryo fibroblasts, chickens, AMP (dibutyryl cyclic) effects on 765.
c gene, origin, nucleotide sequence 7821.
c gene nucleotide sequence, detection, uninfected vertebrates 1015.
c gene product, characterization, normal cells 5806.
c gene products, protein kinase, characterization 4131.
c gene products, protein kinase activity 4130.
c gene products related proteins-normal avian cells, characterization 5109.
c gene proteins, activity/characterization/biosynthesis in vitro 1391.
c gene proteins identification 1497.
ains, src gene proteins polymorphism 5470.
ansformation, embryo fibroblasts, chickens, effects on plasminogen activator biosynthesis induction, vitamin A/derivatives 3675.
ansformation, embryo fibroblasts, chickens, induction-plasminogen activator synthesis 8082.
ansformation, Muntiacus muntjac cells 1768.
ansformation proteins, phosphorylation sites 4017.
ansformed avian cells, viruses production 3676.
ansformed embryo cells, chickens, src gene products localization, immunofluorescence 3674.
ansformed embryo fibroblasts, chickens, membranes proteins, characterization 5805.
ansformed non-producer cells, quail, proviruses characterization 5804.
ansformed nonproducer cells, mice, growth/tumorigenicity 5426.
vian sarcoma virus B77,
g gene/pol gene proteins, amino acid sequence 1392.
duced tumours, growth, tumour cells soluble components effects on, rats 5110.
mperature-sensitive mutant markers, transmission, transfection, fibroblasts, chickens 313.
ansformed cells, rats, cell membranes proteins characterization 4355.
ansformed kidney cells, rats, diamine oxidase/polyamine oxidase activity 3677.
vian viruses,
udies, use-organ culture, review 13.
vocado sunblotch,
rsea americana, viroids like RNA isolation 6223.
vthya fuligula,
ansmission-arbovirus, India 5256.
zathioprine,
mbination-prednisolone, treatment-hepatitis B surface antigen negative/positive hepatitis (chronic active), man 7389.
mbination-prednisone, treatment-skin infection, kidney transplantation, man 1051.
patitis B surface antigen-positive/negative hepatitis (chronic active) treatment 456.
luced lymphoma, mice, absence-ecotropic murine leukaemia virus 5136.
atment-hepatitis (chronic active), case reports 7387.
atment-hepatitis (chronic active), complications, testis, man 3844.
treatment-hepatitis (chronic active)/hepatitis (chronic persistent) 6029.

B-type particles,
detection, spontaneous mammary gland tumours, guinea-pigs 2482.
B-type virus,
antibodies, radioimmunoassay, methodology 7074.
detection, lymphoblasts, leukaemia, guinea-pigs 5815.
related-mammary tumour virus, characterization/isolation, Mus cervicolor popaeus 3368.
Baboon endogenous virus,
DNA polymerase (RNA-dependent), antibodies characterization/preparation 6424.
DNA sequences, detection, Papio tissues 6600.
infection, immune response (cell-mediated), man 7179.
mixed infection-HL23V virus, lung cells, bat, pseudotypes production 3670.
replication, Papio cynocephalus cells 5430.
Baboons,
lymphoblastoid cell lines, Herpesvirus papio DNA characterization 7720.
Bacillus,
classification, use-defective phage PBS like phages 7050.
Bacillus amyloliquefaciens,
restriction endonuclease, recognition sequence, phage φ105C DNA 7566.
Bacillus licheniformis,
penicillinase, aggregation-Semiliki Forest virus/Sendai virus proteins, protein micelles 2796.
phage DNA, degradation, restriction endonuclease EcoR1 18.
phage LP-52 resistant mutant, mapping, transduction-phage SP-15 4904.
Bacillus megaterium,
growth, lysogeny effects on 1544.
lysogeny, induction-aflatoxin B1 7830.
phage CK-1 isolation/physicochemical properties/replication/adsorption 4053.
phage I, tail fibres, structure 4032.
Bacillus pumilus,
antibiotics, biosynthesis, association-phages 3504.
Bacillus subtilis,
antibiotic resistance mutants, phage φ29/phage SPO1 growth 1559.
cell division, maintenance-phage SP50 receptors 5513.
cell walls, binding-phage SP50 4735.
DNA biosynthesis temperature-sensitive mutant, phage φ29/phage SPP1 replication 2173.
fusion, assays, phage φ105 prophages complementation 7846.
induction-interferon 4963.
minicells, phages infected, toluene treated, DNA biosynthesis 87.
phage Bam35 physicochemical properties/classification/replication 659.
phage PBS1 infected, dUTP origin 7051.
phage PBS2 induced DNA polymerase, relationship-hosts DNA polymerase III 2873.
phage SBβ transduction, isoleucine-valine operon/threonine operon operons genes 2937.
phage SF6 infection, calcium ions requirements 4057.
phage SPP1 transduction 5593.
phage SP10/phage φNR2 restriction, genes mapping 4902.
phage SP15 dTMP enriched DNA, expression/production 713.
phage SP50 binding, relationship-cell walls composition 1434.

Bacillus subtilis,(continued)
phage SP82 DNA transcription, sodium chloride effects on 4083.
radiation (u.v.) treated, phages DNA repair 3503.
restriction-modification activity, phage φ105C DNA 4903.
RNA polymerase, transcription selectivity, phage SPO1 infection effects on 6406.
spores, trapping-phage φe/phage φ29 4901.
sporulation, relationship-phage φ29 replication 2934.
sporulation genes, cloning, phage ρ14 1560.
transduction, phage ρ11 7674.
transduction, phage PBS1/phage SP10, uracil(6-(p-hydroxyphenylazo)) effects on 4900.
transduction, phage SPP1 1562.
transfection, phage φe, DNA fate 2246.
transfection-phage φe, phosphorus-32 decay effects on 7845.
Bacillus thuringiensis,
+ Baculovirus heliothis, biological control, arthropods, Glycine max, USA, Missouri 8421.
combination-granulosis virus/nuclear polyhedrosis virus/chlordimeform, control-Pieris rapae/Trichoplusia ni 2740.
phage DNA, degradation, restriction endonuclease EcoRI 18.
phages characterization/infection 1412.
phages resistant mutants, characterization/isolation 6393.
Bacteria,
induction-interferon, review 2317.
mixed infection-parainfluenza virus 3, role-pharyngolaryngitis, cattle 8363.
phospholipids, extracts, inhibition-frog virus 3 infection, mice 8401.
symbionts, Blepharisma japonicum, virus-like particles 181.
Baculovirus,
biological control-insects, review 8422.
characterization/ecology/use-pest control 3904.
characterization/isolation, Carcinus mediterraneus 6114.
DNA characterization 7602.
DNA/proteins characterization/isolation, Apanteles melanoscelus 5354.
homologous, susceptibility, granulosis virus Diacrisia virginica infected Hyphantria cunea 4570.
isolation/physicochemical properties, Trichoplusa ni 7641.
penetration/release/replication, insects/insects cell lines, electron microscopy 4731.
plaque assay, Spodoptera frugiperda cell lines 6161.
structure/interactions-hosts, review 2825.
temperature-sensitive mutant, genetic analysis 7826.
use-pest control, Archips argyrospila 4569.
virus-like particles, persistent infection, Heliothis zea cell lines 12.
Baculovirus heliothis,
+ Bacillus thuringiensis, biological control, arthropods, Glycine max, USA, Missouri 8421.
Baku virus,
infected fibroblasts, chicks, ultrastructure 7541.
Balaenopteridae,
influenza virus A isolates, comparison-isolates-man 4953.
Balanitis,
associated-herpes simplex virus 2 infection, man, case reports 4416.
Balkan nephropathy,
aetiology/pathogenesis, role-adenovirus, man 1840.
Bambusicola thoracica,
Hong Kong, Newcastle disease virus isolation 2712.
Bangladesh,
smallpox incidence, man 4469.
Barathra brassicae,
nuclear polyhedrosis virus, DNA, characterization 4005.
Barley stripe mosaic virus,
detection/identification, immunoelectron microscopy 4933.
identification/infection, Hordeum vulgare, New Zealand 2049.
incidence, Hordee distichum/Hordeum vulgare, Canada, Saskatchewan 3930.
infection, Hordeum vulgare, diagnosis, modified immunodiffusion tests 4235.
resistance, chromosomes requirements, Zea mays 2747.
resistance, Hordeum vulgare/Hordeum distichum, Ethiopia 6800.
RNA, occurrence-5′-terminus caps 6224.
RNA, poly (A) sequences detection 2131.
Barley yellow dwarf virus,
biological properties/structure, review 2831.
infected Bromus sterilis, inclusions, electron microscopy 1300.
infection, effects on fertilizers efficacy/yield, Avena sativa 7473.
infection, Oryza sativa, role-disease reservoirs, Echinochloa crusgalli/Holcus lanatus/Lolium perenne/Panicum dichotomiflorum 5383.
infection, outbreaks, Avena sativa/Hordeum vulgare/Triticum aestivum, Canada 2752.
infection, plants, USA, Indiana 558.
isolates, antigenic relationship 7095.
properties/purification/transmission, Macrosiphum avenae/Rhopalosiphum padi 2080.
Rhopalosiphum maidis isolates, infected Avena sativa, cytology 8448.
strains, classification, use-cytopathology, Avena byzantina 6147.
tolerance, Avena sativa 2743.
transmission (seed), Hordeum vulgare 8456.
Base pairs,
complementary, hybridization-synthetic oligodeoxyribonucleotides, errors amber mutant, phage φX174 7670.
Baseplates,
organization, relationship-function, phage T4 4031.
proteins, characterization/isolation/assembly, phage T4 1464.
Batch culture,
phages infection/lysis, Brevibacterium 2927.
Bats,
hibernation, tick-borne encephalitis virus persistence 1224.
India, Kyasanur Forest disease virus antibodies incidence 6070.
BCG,
effects on avian sarcoma virus induction-tumours, chickens 3678.
effects on development-mammary tumour virus induced tumours, mice 1801.
effects on interferon induction, Newcastle disease virus, mice 2990.
effects on SV40 induced tumours immunity, hamsters 4348.
immunotherapy-hepatitis (chronic active), children 2668.
vaccination, children, hepatitis B virus transmission risks 3257.
vaccination, relationship-infectious mononucleosis/tumours, man 3744.
Bean common mosaic virus,
resistance, Phaseolus vulgaris 6120.
Bean golden mosaic virus,
infection, ultrastructure, Phaseolus vulgaris 1301.
Bean pod mottle virus,
classification, serotyping 7499.

IRL©1979

Bean rugose mosaic virus,
Ampollado strain, characterization/purification, Phaseolus vulgaris 642.
lassification, serotyping 7499.
Bean yellow mosaic virus,
haracterization/transmission/symptomatology, Crotalaria juncea 675.
etection, Gladiolus, enzyme-linked immunosorbent assay 7086.
pidemiology/incidence, Cucumis melo/Cucurbita maxima/ Cucurbita pepo/weeds, USA, Massachusetts 2051.
nfection, effects on peroxidase activity/isoenzymes/ relationship-symptoms, Trifolium pratense strains 4579.
nfection, incidence, Lupinus luteus, Poland 1303.
nfection, nodules, Rhizobium 5370.
nfection, susceptibility, Lupinus luteus strains 5363.
nfection, susceptibility/symptoms, relationship-peroxidases/ polyphenoloxidase activity, Trifolium pratense 8441.
ransmission, Acyrthosiphon pisum, Vicia faba, Coccinella californica predation effects on 6134.
ransmission, aphids 2053.
Bee paralysis virus,
nfection, effects on protein biosynthesis, brain/intestine, Apis mellifera 7460.
Bee sacbrood virus,
nfection, control, Apis mellifera 7461.
Beet curly top virus,
nfected Beta vulgaris, phloem alterations 2749.
nfection, Lycopersicon esculentum/Phaseolus vulgaris, India 8451.
Beet mild yellowing virus,
ransmission efficiency, Aphis fabae strains/Myzus persicae, Beta vulgaris 8457.
Beet mosaic virus,
nfection, control/incidence/pathology, Beta vulgaris, Czechoslovakia 6816.
Beet necrotic yellow vein virus,
ost range/biological properties, rhizomania diseases, Beta vulgaris, France 1279.
urification, methodology 3954.
Beet western yellows virus,
ntigenic relationship-turnip yellows virus/beet mild yellowing virus/barley yellow dwarf virus 890.
ffects on Beta vulgaris yield 3340.
Beet yellowing virus,
nfection, control/incidence/pathology, Beta vulgaris, Czechoslovakia 6816.
Beet yellows virus,
etection, latex agglutination, methodology 5689.
ffects on Beta vulgaris yield 3340.
nfection, Beta vulgaris, effects on growth/chlorophyll content/leaf area 2036.
nfection, control/incidence/pathology, Beta vulgaris, Czechoslovakia 6816.
nfection, ultrastructure, electron microscopy, Chenopodium hybridum 2046.
esistance, breeding, Beta vulgaris 3335.
usceptibility, Beta vulgaris strains 4575.
ehaviour,
iterations, children, rubella (congenital) 2579.
hanges, association-viruses meningoencephalitis, man 1076.
ehcet's disease,
etiology, man 6620.
pstein-Barr virus antibodies levels, man 5031.
ye involvement, role-viruses, man 7282.
ruses aetiology, man 6619.
Belgium,
bovine leukaemia virus seroepidemiology, immunodiffusion, cattle 2479.
diarrhoea, cattle juveniles, rotavirus aetiology 6054.
Bell's palsy,
association-herpes simplex virus, man, case reports 2557.
association-herpes simplex virus infection/herpes zoster, man 1843.
viruses aetiology, absence 2546.
Belladonna mottle virus,
quantitation, immunodiffusion 4237.
relationship-dulcamara mottle virus strains 3425.
Bemisia tabaci,
biology, mosaic disease viruses infection-Phaseolus aureus effects on 2756.
transmission-tomato leaf curl virus, Lycopersicon 2057.
transmission-tomato yellow leaf curl virus, prevention, soil mulching 2060.
Benzaldehyde,
derivatives, cytotoxicity, SV40 transformed cell lines, mice/ rats 7204.
inhibition-growth, SV40 transformed cells 8049.
Benzalkonium chloride,
antiviral agents, rhinovirus, hand hygiene 5065.
Benzimidazole,
derivatives, antiviral activity 4334, 5757.
Benzo(a)pyrene,
derivatives, inhibition-SV40 DNA biosynthesis 7695.
diol epoxide, binding, inactivation-phage φX174 DNA 6548.
diol epoxide, binding-SV40 DNA, bases specificity 2785.
diol epoxide, interaction-phage φX174 DNA 6896.
diol-epoxide derivatives, induced damage-adenovirus (human) 5, DNA repair, fibroblasts, man 174.
diolepoxide, effects on phage MS2 RNA infectivity/ translation 4758.
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Benzo(a)pyrene hydroxylase,
activity, hepatocytes, mice, interferon effects on 897.
Benzoisoquinolines,
antiviral activity, herpes simplex virus/vaccinia virus 6549.
Benzothiazoline,
derivatives, antiviral activity 4334.
Benzyl diketone,
antiviral activity, herpes simplex virus 2455.
Beta vulgaris,
beet mild yellowing virus transmission efficiency, Aphis fabae strains/Myzus persicae 8457.
beet yellows virus infection, effects on growth/chlorophyll content/leaf area 2036.
beet yellows virus resistance, breeding 3335.
curly top virus infection, cytology, electron microscopy 8449.
Czechoslovakia, beet mosaic virus/beet yellowing virus/beet yellows virus infection control/incidence/pathology 6816.
France, beet necrotic yellow vein virus host range/biological properties, rhizomania diseases 1279.
phloem alterations, beet curly top virus infected 2749.
strains, beet yellows virus susceptibility 4575.
USA, curly top virus epidemiology/transmission, Circulifer tenellus 3934.
yield, beet western yellows virus/beet yellows virus effects on 3340.
Bhanja virus,
antigens detection, Hyalomma asiaticum, haemagglutination (indirect) 857.
detection, haemagglutination, Hyalomma asiaticum, methodology 7865.

Bhanja virus,(continued)
isolation, Haemaphysalis punctata/Haemaphysalis sulcata, antibodies levels, sheep, Bulgaria 3302.
isolation, Hyalomma plumbeum, Somalia 7357.
seroepidemiology, mammals, Tunisia 1225.
seroepidemiology, man, France 4477.
Bicarbonates,
solutions, preparation, media-viruses isolation 5405.
Bifidobacterium bifidum,
media (culture) derived from antiviral activity 5075.
Bile,
hepatitis B surface antigen detection, use-diagnosis-hepatitis B, man 5172.
Bile acids,
levels, serum, hepatitis, man 1118.
Bile salts,
postprandial changes, hepatitis, man 1114.
Biochemical transformation,
thymidine kinase deficient 3T3 cells, radiation (u.v.) treated herpesvirus (equine) 1 6286.
Biological control,
Heliothis armigera, nuclear polyhedrosis virus, Yugoslavia 2023.
Orgyia pseudotsugata, nuclear polyhedrosis virus activity standardization 548.
Spodoptera littoralis, use-nuclear polyhedrosis virus 4571.
Spodoptera litura, nuclear polyhedrosis virus 5356, 7462.
Tipula, use-Tipula iridescent virus 4573.
Biological hazards,
viruses/microorganisms, laboratories, man 3217.
Birds,
adenovirus infection, clinical manifestations 6737.
avian leucosis virus induced tumours, comparison 1767.
role-influenza epidemiology, man 8386.
role-transmission-Wiseana nuclear polyhedrosis virus 3909.
transmission-arbovirus, India 5256.
transmission-arbovirus/flavivirus 8288.
transmission-eastern equine encephalitis, horses, USA, New York 4536.
USSR, Chukotka, tick-borne encephalitis ecology 3300.
USSR, Sindbis virus/West Nile virus detection, haemagglutination (indirect) 4218.
Biston hirtaria,
nuclear polyhedrosis virus, structure 4043.
Bisulphite,
antiviral activity, phage T1, pH effects 2458.
oxidation, inactivation-phage λ, mechanisms 2792.
reaction-phage T2 DNA 3976.
BK virus,
antigen T, absence-brain tumours, man 1048.
antigen T/antibodies/DNA sequence, detection, tumours/tumour cells, man, failure 2508.
association-Guillain-Barre syndrome/respiratory tract diseases, man 2550.
DNA, coding-antigen t, nucleotide sequence 3978.
DNA, coding-antigen T N-terminus 3979.
DNA, nucleotide sequence, homology-SV40 4656.
DNA, replication origin, comparison-polyoma virus/SV40 6978.
DNA, restriction endonuclease fragments, mapping 3980.
DNA, restriction endonuclease mapping 33.

DNA, restriction endonuclease mapping 1366.

DNA, sequence, homology-polyoma virus/SV40 6202.
DNA, splicing regions, nucleotide sequence 7581.
DNA homology JC virus/SV40 7580.
early antigen/transcription, comparison-SV40 5527.
induction-antigen (tumour-specific), tumour cells, hamsters 874.
induction-tumours, hamsters 1746.
infection, association-kidney transplantation, man, case reports 2549.
infection, brain cells, man/monkeys, ultrastructure 5415.
infection, cell culture, man/hamsters/monkeys/rats 2762.
persistent infection, brain cells, man, BK virus plasmids characterization/antigen T expression 3959.
persistent infection, reactivation/absence-transmission (transplacental), pregnancy, man 7341.
physicochemical properties/tumorigenicity, man, review 8141.
mRNA, mapping 7691.
transformation, kidney embryo cells, man 3655.
transformed cells, antigen (tumour-specific) expression, cross-reactivity-SV40 antigen (tumour-specific) 6556.
transformed cells, mice/rats, characterization/isolation 5084.
Blackeye cowpea mosaic virus,
synergism-cucumber mosaic virus, aetiology-cowpea stunt, Vigna unguiculata 2042.
Blackgram mottle virus,
structure/transmission 7642.
Blastogenesis,
lymphocytes, inhibition, herpes simplex virus 2432.
Bleomycin,
cross-linking-phage PM2 DNA 7568.
induction-damage, phage PM2 DNA, mechanisms 3974.
treatment-warts 1809.
Blepharisma japonicum,
virus-like particles, bacteria symbionts 181.
Blindness,
man, India, association-smallpox 6638.
Blood,
infectivity, bovine leukaemia virus infected cattle 5810.
infectivity, kinetics, hepatitis (non-A, non-B), Pan troglodytes 6789.
man, hepatitis B surface antigen isolation, methodology 4609.
products, transfusion, surgery patients, risks-hepatitis transmission 2637.
sampling, methodology, man, effects on hepatitis B surface antigen/antibodies detection, haemagglutination/radioimmunoassay 3532.
transmission-hepatitis B surface antigen, man 2651.
Blood coagulation,
changes/treatment, heparin, hepatitis, children 8247.
Blood donors,
hepatitis B core antigen antibodies positive, hepatitis B surface antigen detection, methodology 2279.
hepatitis B surface antigen detection/transmission risks 6706.
hepatitis B surface antigen preparation/purification, plasma 2079.
India, hepatitis B surface antigen incidence 4503.
Vienna, hepatitis A virus/hepatitis B core antigen/hepatitis B surface antigen antibodies incidence 5996.
Blood groups,
ABO system/Rh system, association-hepatitis B surface antigen, man 6712.
relationship-vaccinia virus vaccination reactogenicity, man 4273.
rhesus D, immunization (passive), effects on simultaneous rubella virus vaccination, man 1667.
Blood pressure,
Machupo virus experimental infection, Macaca mulatta 4559.
Blood products,
transmission-hepatitis (non-A, non-B), man/monkeys 5269.

IRL©1979

Blood transfusion,
association-hepatitis, haemophilia, man 1879.
hepatitis (non-A, non-B) aetiology/incidence/pathology, man 8266.
hepatitis A/hepatitis B/hepatitis (non-A, non-B) transmission risks/prophylaxis, man 443.
hepatitis B/hepatitis (non-A, non-B) following, comparison, man 3205.
multiple, effects on hepatitis B virus markers incidence, man 6704.
risks-hepatitis B virus transmission, haemophilia, man 8321.
role-hepatitis A virus/hepatitis B virus infection, thalassaemia patients 1157.
transmission-cytomegalovirus/Epstein-Barr virus/hepatitis virus, man 7345.
transmission-hepatitis B, prevention recommendations 7377.
Blood transfusions,
accidental, hepatitis B surface antigen positive, patients after surgery 1159.
hepatitis B surface antigen positive, patients after surgery 1159.
Blood vessels,
heart, pathology, encephalomyocarditis virus experimental infection, mice neonates 4549.
Bloodsucking insects,
role-bovine leukaemia virus transmission, cattle 1228.
Blue-green algae,
lysogeny 2025.
Bluecomb disease,
antibody response, turkeys 1708.
Bluegill virus,
solation/physicochemical properties, Lepomis macrochirus 6847.
Bluetongue,
aetiology/epidemiology/clinical manifestations, cattle, review 485.
epidemiology, review 6757.
Bluetongue virus,
antigenic relationship-epizootic haemorrhagic disease of deer virus/Ibaraki virus 1585.
ecology, relationship-wildlife, review 8373.
epidemiology/transmission, Portugal 509.
infection, outbreaks, sheep, Cyprus 3297.
infection, sheep, cattle effects on 1223.
solation-Culicoides, Australia 3298.
solation/ecology, Culicoides, Australia 508.
plaques neutralization, methodology 7860.
protein biosynthesis, infected BHK cells/L cells 4801.
replication associated tubules, physicochemical properties, cell culture 5502.
RNA, structure 4677.
seroepidemiology, domestic animals/wildlife, Botswana 6066.
surveillance, sheep, Australia 3869.
transmission, Culicoides, Canada, British Columbia 2703.
Boa constrictor,
C-type virus isolation, leucosis 5841.
Bolivia,
foot-and-mouth disease virus vaccination, hypersensitivity, cattle 244.
Bolivian haemorrhagic fever,
control/epidemiology/transmission, man 5976.
ecology/epidemics/epidemiology, man 3798.
monkeys, Machupo virus vaccines development/efficacy 3585.
Bombyx mori,
cytoplasmic polyhedrosis virus, stability, chemicals effects on 672.
cytoplasmic polyhedrosis virus antigenic characteristics/RNA properties, comparison-Dendrolimus spectabilis/Lymantria dispar 4002.
densonucleosis virus infection/replication, immunofluorescence studies 1271.
densonucleosis virus infection resistance 3325.
fat body during moulting, nuclear polyhedrosis virus infection effects on 1277.
flacherie virus, capsids structure, electron microscopy 75.
flacherie virus replication, immunofluorescence 1272.
flacherie virus replication, metamorphosis effects on 1273.
fluorescence proteins, antiviral activity, nuclear polyhedrosis virus 5770.
heat treatment, infectious flacherie virus/small flacherie virus/cytoplasmic polyhedrosis virus infection 1274.
larvae, nuclear polyhedrosis virus infection, effects on cuticle formation 1276.
mid-gut epithelium, Philosamia cynthia ricini/Lymantria fumida/Dendrolimus spectabilis cytoplasmic polyhedrosis virus polyhedra ultrastructre 1270.
Mythimna separata nuclear polyhedrosis virus experimental infection 6115.
pathology, cytoplasmic polyhedrosis virus/flacherie virus infection 3906.
viruses isolation/purification methodology 2078.
Bonaphthone,
antiviral activity, influenza A virus 5066.
Bone marrow,
aplasia, association-hepatitis, case reports 3772.
aplasia, association-herpesvirus stomatitis, man, case reports 368.
cell lines, mice, Abelson leukaemia virus transformed, immunoglobulins secretion 5149.
cells, avian myeloblastosis virus/avian myelocytomatosis virus MC29/Mill Hill 2 virus infection, effects on target cells differentiation 5730.
cells, corticosteroids induced lipogenesis, murine sarcoma virus infection effects on 7249.
cells, mice, transformation-Friend leukaemia virus, spleen focus-forming virus effects on, in vitro 5137.
histopathology, comparison-feline panleucopenia, enteritis, dogs 8348.
hypoplasia, association-hepatitis B, case reports/mechanisms, man 5218.
hypoplasia, association-rubella (congenital), infants, case reports 8236.
involvement-mouse hepatitis virus infection pathology, mice 6057.
multiple sclerosis patients, infectious agents isolation 460.
transformation, mice, in vitro, Kirsten sarcoma virus/Rauscher leukaemia virus, target cells identification 4375.
Bone marrow transplantation,
cytomegalovirus infection, man 8212.
cytomegalovirus infection immunity (cell-mediated), man 3071.
Epstein-Barr virus infection association-graft-versus-host reaction symptoms, man 4311.
hepatitis B surface antigen positive, immunization (passive), man, case reports 1653.
Border disease,
economic importance/symptoms, sheep, neonates 8354.
Border disease virus,
antibodies incidence, sheep, British Isles 4537.
antigens, localization, cell culture/tissues, sheep, immunofluorescence 8357.
persistent infection, sheep 7410.
strains, pathogenicity/transmission (transplacental), sheep

Border disease virus,(continued)
6770.
Bordetella pertussis,
combined vaccines-Clostridium tetani + Corynebacterium diphtheriae, concomitant-measles virus vaccines, efficacy, man 1675.
combined vaccines-Clostridium tetani/Corynebacterium diphtheriae/poliovirus, mice 4295.
infection, mice, protection herpes simplex virus infection 1241.
vaccination, mice, effects on lymphocytic choriomeningitis virus experimental infection mortality 6773.
Borna disease,
antibody response/clinical manifestations/transmissio, sheep 5992.
clinical manifestations/epidemiology/pathology, horses, case reports 6749.
diagnosis, horses 7400.

experimental infection, retinopathy, rabbits 7457.
Borna virus,
detection, cerebrospinal fluid, horses/rabbits/sheep, methodology 3856.
infection, antibody response/antibodies detection, complement fixation/immunodiffusion/immunofluorescence/neutralization, rabbits 2275.
Boron,
labelling tobacco mosaic virus, properties/applications 676.
Bos bonasus,
malignant catarrhal fever virus isolation 8370.
Bos frontalis gaurus,
malignant catarrhal fever, treatment levamisole 4540.
Bos gaurus,
India, foot-and-mouth disease outbreaks 6064.
Botswana,
bluetongue virus seroepidemiology, domestic animals/wildlife 6066.
Bottlegourd mosaic virus,
effects on RNA content, Lagenaria vulgaris leaves 2037.
Bovine diarrhoea-mucosal disease,
mouth lesions, histopathology 6738.
outbreaks, pathology/viruses characterization/isolation, cattle 8356.
Bovine diarrhoea-mucosal disease virus,
antigenicity/soluble antigen production, cell lines, cattle 1586.
incidence, Cervidae, Germany, Fed. Rep. 7422.
infection, association-abortion, cattle, case reports 3865.
infection, cattle, diagnosis, comparison methodology 1192.
infection, histopathology, cattle 8355.
infection, pathology, embryos, cattle 6771.
isolation, endometrium cells, cattle 2765.
isolation, horses juveniles 489.
role-mortality, cattle juveniles 3287.
seroepidemiology, cattle, juveniles 7421.
Bovine ephemeral fever virus,
classification/physicochemical properties 7494.
neurotropic strains, pathogenesis, chickens/guinea-pigs/mice/rabbits/rats/sheep 2011.
vaccines production/efficacy, cattle 942.
Bovine leucosis,
bovine leukaemia virus specific sequences, detection-blood, cattle 5122.
cattle, bovine leukaemia virus/C type virus studies 3125.
cattle, bovine leukaemia virus control/seroepidemiology 8091.
cattle, bovine leukaemia virus provirus DNA sequences, detection 3124.
cattle, lymph nodes histopathology 5812.
classification, lymphocytes levels, cattle 6578.
control/elimination, cattle, German Dem. Rep. 5811.
control/epidemiology, cattle, British Isles 3685.
diagnosis, complement fixation/immunodiffusion/immunofluorescence, cattle 2264.
diagnosis, immunodiffusion, cattle 3683, 7232.
diagnosis, immunodiffusion, cattle/sheep 7072.
diagnosis, immunodiffusion, methodology, cattle 4919.
diagnosis, immunodiffusion/lymphocytes levels, cattle 5675.
diagnosis, use-lymphocytosis, cattle 3127.
effects on glycoproteins levels, lymph/serum, cattle 5121.
epidemiology, cattle, Europe, review 1229.
lymphocytes levels, blood, cattle 5042.
outbreaks, cattle, UK 1021.
role-bovine leukaemia virus, cattle 5120.
seroepidemiology/transmission, cattle 3126.
Bovine leukaemia virus,
aetiology-tumours, review 3120.
antibodies, characterization, cattle 3082.
antibodies, detection, syncytium inhibition, Vero cells, methodology 3955.
antibodies, incidence, cattle, Japan 5123.
antibodies, neutralization, use-Chandipura virus/vesicular stomatitis virus pseudotypes 5610.
antibodies detection, immunodiffusion/immunofluorescence/complement fixation, comparative studies 859.
antibodies incidence, transmission (vertical), cattle 5124.
antibodies incidence/detection, plasma, cattle 858.
antigens, detection, immunodiffusion, leukaemia, cattle 2265.
assays 1327.
control/seroepidemiology, bovine leucosis, cattle 8091.
induction, cell lines derived from lymphosarcoma, cattle 5118.
infected cattle, infectivity, blood/colostrum/faeces/milk/saliva/secretions/semen/urine 5810.
infection, antibody-mediated complement-dependent cytotoxicity, sheep 7230.
infection, cattle, assays, polykaryocytosis inhibition 573.
infection, cattle, British Isles, surveys 3128.
infection, control/diagnosis/incidence, cattle, Germany, Fed. Rep. 5119.
infection, immune response (humoral), cattle/sheep 7995.
infection, risks, man 5929.
lymphocytes, infected cattle, glucocorticoids effects on 7996.
positive/negative cattle, milk production/reproduction efficacy, comparative studies 1022.
proteins, N-terminus amino acid sequence, homology-C-type virus structural protein 7615.
provirus, DNA sequences, detection, cattle/man/sheep/pigs 3124.
RNA, translation, heterologous cell-free system 4812.
role-bovine leucosis, cattle 5120.
role-skin lymphosarcoma, cattle 7231.
seroepidemiology, cattle, British Isles 3684.
seroepidemiology, immunodiffusion, cattle, Belgium 2479.
seroepidemiology/transmission, cattle 5308.
specific sequences, detection-blood, bovine leucosis, cattle 5122.
studies, bovine leucosis, cattle 3125.
transmission, cattle 1775.
transmission, cattle, role-bloodsucking insects 1228.
transmission, syringes, cattle 1776.
transmission risks, syringes, cattle 6579.
Bovine mammillitis virus,
seroepidemiology, cattle, Netherlands 497.
Bovine papular stomatitis virus,
detection, saliva, electron microscopy, cattle 3855.

IRL©1979

Bovine rhinotracheitis,
clinical manifestations/epidemiology, cattle, British Isles 7424.
diagnosis, neutralization tests 6412.
epidemiology, cattle, British Isles 6061.
incidence, cattle, British Isles 7423.
lung histopathology, cattle, juveniles 7405.
Bovine rhinotracheitis virus,
aerosols stability, media/relative humidity/temperature effects on 7633.
aetiology, abortion, cattle 6049.
antigens, hypersensitivity (delayed) response, cattle 7975.
assays, modified serum neutralization tests, methodology 5600.
association/prophylaxis, respiratory tract diseases, cattle, German Dem. Rep. 2680.
conjunctivitis, diagnosis/symptoms, cattle 4528.
diagnosis/morphology/properties/vaccines, review 2145.
excretion, dexamethasone injection, cattle 1996.
excretion following intranasal inoculation, cattle 1998.
experimental infection, intrauterine exposure, pathology, cattle 3887.
fusion/penetration-kidney cells, cattle, in vitro 4062.
identification/isolation, pneumonia outbreaks, cattle 4525.
immunoglobulins levels, colostrum, cattle 5658.
inactivated vaccines, immunogenicity, variation-inoculation route, cattle 932.
incidence, Cervidae, Germany, Fed. Rep. 7422.
incidence, respiratory tract diseases, cattle 1198.
infection + hydrocortisone injection, interferon production/leucocytes alterations, cattle 6478.
infection, clinical manifestations/pathology, outbreaks, cattle 1963.
infection, conjunctiva, central nervous system lesions, cattle 1245.
infection, control/epidemiology/vaccination, cattle, Netherlands 1978.
infection, effects on reproduction, cattle 1962.
infection, epidemiology/control/eradication, artificial insemination, cattle, Denmark 498.
infection, epidemiology/pathology/vaccination, cattle, British Isles 5312.
infection, epidemiology/persistence, artificial insemination, cattle, Denmark 1217.
infection, hypersensitivity (delayed), cattle 1700.
infection, Mustela putorius furo 1248.
infection, vagina, central neverous system lesions, cattle 1246.
isolation, prepuce washings/semen, cattle 2699.
mixed infection-Pasteurella haemolytica, respiratory tract, cattle juveniles, environmental effects 1247.
recurrent infection, neuropathogenesis, dexamethasone treated cattle juveniles 1997.
seroepidemiology, cattle, British Isles 1977.
seroepidemiology, cattle, juveniles 7421.
seroepidemiology, cattle, Morocco 6060.
seroepidemiology/cattle fertility, cattle, males 6752.
strains, comparison-plaques, MDBK cells 6870.
vaccination, immune response, cattle, immunity (passive) effects on 7955.
vaccines, efficacy, cattle 933.
vaccines-intranasal/intramuscular, immune response, cattle 2409.
Bovine serum albumin,
immunization + Friend's adjuvant + poly (A.U), effects on Friend leukaemia virus infection, mice 5706.
Bovine syncytial virus,
antibodies detection, foetus, cattle 1724.
isolation, endometrium cells, cattle 2765.
Bowel,
perforation, association-herpes zoster, man, case reports 3179.
Bradykinin,
effects on kallikrein levels/growth, SV40 induced fibrosarcomas, hamsters 4349.
Brain,
angiitis, aetiology, viruses, man, review 3735.
Apis mellifera, protein biosynthesis, bee paralysis virus infection effects on 7460.
cells, hamsters, Rous sarcoma virus infected, induction-brain tumours, hamsters 2478.
cells, man/monkeys, ultrastructure, BK virus/SV40 infection 5415.
cells, mice, Sendai virus persistent infection 3966.
changes, radioisotopes scanning, man, subacute sclerosing panencephalitis 7397.
degeneration, rats, induction-parainfluenza virus 1 3638.
DNA/lipids/proteins/RNA levels, chickens, Marek's disease effects on 5306.
haemorrhage, association-tick-borne encephalitis, pathology, case reports, man 5926.
involvement, Lassa fever, man, case reports 1868.
mice, cell culture, Japanese encephalitis virus infection 4619.
mice, cell culture derived from, yellow fever virus long-term infection 1338.
mice, electron microscopy/pathology, Semliki Forest virus infection 5326.
mice, feline infectious peritonitis virus replication/passage 540.
mice, parainfluenza virus 2 infection, antibody response/clinical manifestations/histopathology 6111.
mice, scrapie agent derived from hamsters, pathogenesis/replication 2673.
mice, scrapie agent infected, particles characterization/detection 6727.
mice, Sendai virus experimental infection pathology 8414.
multiple sclerosis, antigens detection 465.
pathology, mice, murine encephalomyelitis virus infection 8353.
rabies virus infected animals, haemagglutinin isolation/purification 2076.
rodents, rabies virus experimental infection pathology 4561.
ultrastructure, Powassan virus infection pathology, mice 7448.
Brain stem,
involvement, herpes labialis, case reports 3739.
Brassica chinensis,
turnip yellow mosaic virus infection, effects on methionine (S-adenosyl)/polyamines metabolism 6814.
Brassica juncea,
mustard mosaic virus infected, effects on Peronospora parasitica susceptibility 6813.
Brassica pekinensis,
turnip mosaic virus resistance 3916.
Brassica rapa,
protoplasts, turnip rosette virus infection, methodology 6888.
Brazil,
canine hepatitis virus isolation/characterization, dogs 1216.
cytomegalovirus/herpes simplex virus 1/mumps virus/vaccinia virus/variola virus seroepidemiology, Indians 8277.
hepatitis B surface antigen incidence, children 2650.
herpesvirus serepidemiology, man 6669.
poliovirus vaccination, efficacy/recommendations, children 3580.
Rocio virus infection epidemics, epidemiology, man 1900.

Brazil,(continued)
rubella virus seroepidemiology, man 2628.
soybean mosaic virus disease reservoirs, Glycine max 6822.
variola minor incidence, children 5243.
Brazil, Sao Paulo,
influenza A virus seroepidemiology, man 3818.
Brazil, Serra do Mar,
mosquitoes, transmission-viruses, man 3781.
Breast,
herpes simplex virus infection, risks-neonates, man, case reports 5897.
Breast feeding,
role-respiratory syncytial virus infection immunity, man 3574.
Breast milk,
man, rotavirus antibodies detection, immunoelectrophoresis (counter) 5604.
risks-herpes simplex virus 1 transmission, man, case reports 6671.
Brevibacterium,
batch culture/continuous culture, phages infection/lysis 2927.
Brinjal mild mosaic virus,
characterization/isolation, Solanum melongena 2758.
British Isles,
Border disease virus antibodies incidence, sheep 4537.
bovine leucosis control/epidemiology, cattle 3685.
bovine leucosis outbreaks, cattle 1021.
bovine leukaemia virus seroepidemiology, cattle 3684.
bovine rhinotracheitis, clinical manifestations/epidemiology, cattle 7424.
bovine rhinotracheitis epidemiology, cattle 6061.
bovine rhinotracheitis incidence, cattle 7423.
bovine rhinotracheitis virus seroepidemiology, cattle 1977.
brome mosaic virus isolation, Phleum bertolonii 6817.
Darna trima viruses antibodies detection, man 6697.
Ebola virus haemorrhagic fever, control/surveillance, importation, man 3815.
ECHOvirus 11 infection incidence/pathogenesis, man 1855.
hepatitis A, food poisoning, incidence 1910.
hepatitis A incidence, man, travel effects on 1911.
hepatitis B carriers, chimpanzees, zoological gardens 523.
hepatitis B virus infection incidence, mental retardation patients/hospitals personnel 446.
hepatitis/hepatitis B surface antigen epidemiology, man 1920.
louping-ill virus infection, Cervus elaphus, captivity 487.
multiple sclerosis epidemiology, man 472.
Newcastle disease outbreaks, poultry 522.
parainfluenza virus 1/parainfluenza virus 2/parainfluenza virus 3 respiratory tract infection, epidemiology/clinical manifestations, comparson, man 440.
poliovirus antibodies incidence/immune status, man 1895.
pseudorabies control, pigs 1992.
pseudorabies control recommendations, pigs 1991.
pseudorabies epidemiology/prophylaxis, pigs 501.
pseudorabies epidemiology/prophylaxis/control, pigs 502.
pseudorabies prophylaxis/control, pigs 524.
red clover necrotic mosaic virus/white clover mosaic virus infection, Trifolium pratense 8453.
respiratory syncytial virus incidence/aetiology, respiratory tract infection, children 407.
smallpox association-laboratories, man, case reports 1102.
vaccination status, man, review 219.
viruses incidence, faeces, infants 1135.
viruses respiratory tract infection epidemiology, children 1133.
Broad bean mottle virus,
properties/replication/structure, review 2833.
Broad bean wilt virus,
aggregates, electron microscopy 7479.
properties/infection incidence/symptoms, Nicotiana, Bulgaria 2832.

identification/isolation, Faba vulgaris, Italy 2050.
Broccoli necrotic yellows virus,
infection, identification/symptoms, Sisymbrium irio, Argentina 5371.
Brome mosaic virus,
capsids, structure, ultrasonics 5488.
isolation, Phleum bertolonii, British Isles 6817.
properties/replication/structure, review 2833.
protein biosynthesis/proteins characterization, Nicotiana tabacum protoplasts 4838.
resistance, chromosomes requirements, Zea mays 2747.
RNA, proteins recognition during in vitro reconstitution 6372.
RNA binding-ribosomes, competition-RNA 4 6363.
RNA infection-Hordeum vulgare protoplasts, factors affecting 1280.
RNA replication, chick embryos 4837.
mRNA translation, wheat germ cell-free system, inhibition, guanosine caps analogues 7773.
ultrastructure studies, fixation, methodology 6159.
Bromine,
inactivation-poliovirus, water 2657.
Bromoethyleneimine,
dyes, inactivation-pseudorabies virus, effects on antigenic characteristics 5482.
Bromovirus,
RNA, infection, Nicotiana tabacum protoplasts, methodology 1443.
Bromus sterilis,
barley yellow dwarf virus infected, inclusions, electron microscopy 1300.
Bronchiectasis,
children, possible role-viruses, case surveys 1069.
Bronchiolitis,
infants, respiratory syncytial virus aetiology 7321.
viruses aetiology, man, review 3733.
Bronchitis,
children, association-viruses respiratory tract infection 6644.
man, USA, Michigan, role-rhinovirus 5200.
viruses, recurrence/reinfection 355.
viruses aetiology, horses 4519.
Bronchopneumonia,
influenza A virus, man, case reports 2589.
measles virus, malnutrition, children, tropical environments 7316.
role-adenovirus (human) 29, man 4405.
Brucella abortus,
induction-interferon, mice 7923.
Budding,
Moloney leukaemia virus, role-microfilaments, cytochalasin D studies, cells 2219.
vesicular stomatitis virus, role-protein M 3487.
Buffalo pox virus,
cytopathic effect, amnion/kidney cells, hamsters/man/monkeys/rabbits 6169.
Bulgaria,
broad bean wilt virus/henbane mosaic virus/turnip mosaic virus properties/infection incidence/symptoms, Nicotiana 2832.
Bunchy top disease,
control/epidemiology, Musa sapientum 2048.
Musa sapientum, transmission, Pentalonia nigronervosa,

IRL©1979

unchy top disease,(continued)
mathematical models 7483.
unyamwera virus,
efective-interfering particles, characterization/interference 681.
enomes, RNA nucleotide sequence, comparison-California encephalitis virus/La Crosse virus 7592.
rotein biosynthesis, infected Vero cells 7742.
unyavirus,
trains, isolation-mosquitoes, Norway 3794.
urkitt's lymphoma,
ntibody response/clinical manifestations/role-Epstein-Barr virus, man 8152.
ssociation-Epstein-Barr virus/control/epidemiology/pathology/treatment, man, review 4390.
ssociation-herpesvirus, man 3145.
ase reports/review 8154.
ell culture, interferon concentration/production 7113.
ell lines, Epstein-Barr virus negative, detection-oncornavirus like particles 7266.
ell lines, growth, agarose, Epstein-Barr virus conversion effects on 5101.
ell lines, lymphocytes B specific glycoproteins expression, relationship-Epstein-Barr virus receptors/complement C3 receptors complex 5421.
ells, Epstein-Barr virus DNA integration 7724.
pstein-Barr virus aetiology 7261.
pstein-Barr virus derived from, characterization/transformation ability 1814.
pstein-Barr virus infection, target cells identification, man 5719.
pstein-Barr virus positive, chromosome aberrations, man 7262.
an, Japan, Epstein-Barr virus nuclear antigen detection 2516.
an, review 7984.
an, Uganda, Epstein-Barr virus association 1055.
ccurrence-Epstein-Barr virus RNA 4118.
athogenesis, man 342.
view 352.
ple-Epstein-Barr virus infection, immunological aspects, man, review 1813.
ple-Epstein-Barr virus infection, man, review 2515.
ple-immune complexes, man 5190.
ple-viruses, man 5853.

urma,
engue virus haemorrhagic fever epidemiology, man 3235.
ursa of Fabricius,
hickens, C-type virus antigens detection 7217.
sions, chickens, Marek's disease 484.
ursectomy,
duction-hepatitis (inclusion body), chickens 1959.
uteo buteo,
ell lines, kidney, susceptibility-Newcastle disease virus 5439.
utter,
anufacture, foot-and-mouth disease virus infected cattle, foot-and-mouth disease virus persistence 507.
utyrate,
duction-Epstein-Barr virus, nonproducer cells 5500.

.d.,
otato spindle tuber viroid RNA 5457.
-type particles,
entification, neuroblastoma cell culture, mice, electron microscopy 320.
isolated-MOPC-315 cells, DNA polymerase (RNA-dependent) stabilization, egg yolk fluid, chickens 6345.
isolation, kidney transplantation patients 5166.
producing myeloma cell lines, susceptibility-cytotoxic antibodies, melphalan effects on 4364.
C-type virus,
activation/regulation, 20-methylcholanthrene, cells, pheasants 5103.
antibodies, radioimmunoassay, methodology 7074.
antigenic determinants detection, radioimmunoassay, D-type virus derived from J-96 cells 2963.
antigens, detection, bursa of Fabricius, chickens 7217.
antigens, detection, placenta, man 5856.
antigens, expression, normal/malignant lymphocytes, detection, antibody-dependent cell-mediated cytotoxicity, mice 3130.
assembly/release, ultrastructure, lymphoma, mice 8094.
B-tropic/N-tropic/N-,B-tropic, RNA sequence determination 3399.
characterization/isolation, melanoma cell lines, hamsters 6586.
characterization/isolation, rhabdomyosarcoma, Elaphe guttata 7254.
characterization/strains relationship, mice 5818.
concentration/purification, culture fluids, ultrafiltration/centrifugation 1326.
defective, characterization/release, leukaemia L1210, mice 4365.
detection, cell-free extracts-rhabdomyosarcoma cell lines, man 1058.
detection, prostate epithelium cells, rats, electron microscopy (transmission) 5837.
detection/physicochemical properties, glioma cell lines, rats 7251.
detection-rhesus monkey oesophagus tumours cell lines 1046.
DNA polymerase (RNA-dependent), inhibition, phosphonoacetic acid 1491.
DNA polymerase (RNA-dependent), sperm, spermatozoa antibodies 2902.
DNA polymerase (RNA-dependent) characterization, hamsters 6344.
endogenous, activation, adenovirus (human) 12 induced tumours, mice 8056.
endogenous, activation, BALB/c cells, herpesvirus DNA 1025.
endogenous, antigens expression, stem cells, mice 2292.
endogenous, characterization/identification-ecotropic x xenotropic viruses recombinants, mice 1782.
endogenous, characterization/isolation, Dasyprocta punctata 5840.
endogenous, characterization/isolation, Macaca mulatta 8135.
endogenous, immune response, role-lymphocytes, mice 5734.
endogenous, induction, adenovirus (human) 12, tumour cells, mice, electron microscopy 2485.
endogenous, primates, review 8134.
endogenous/exogenous, expression, Rous-associated virus 1 infected chickens, role-lymphocytes B 4359.
envelopes, antigenic relationship, birds/mammals 5627.
exogenous, characterization, primates 8133.
gag gene mutants, replication defective, proteins processing 3498.
genes, detection, genomes; melanoma cells, mice 7234.
genes, expression/infection/transmission, review 8074.
immune complexes, association-systemic lupus erythematosus, man 3756.

C-type virus,(continued)
induced lymphoma, platelets ultrastructure, Macaca arctoides 3669.
induction, streptozotocin, associated-insulitis/pancreas, mice 2729.
induction, uridine (5-iododeoxy), lung embryo cells, man 3715.
induction/production, cells, mice, inhibition, ethidium bromide 7002.
infection, lymphocytes T, ontogeny, mice 1783.
isolation, leucosis, Boa constrictor 5841.
isolation, Vandeleuria oleracea/DNA homology-mice/rats C-type virus 5130.
isolation/physicochemical properties, lymphoproliferative disease, turkeys 5104.
leukaemogenic/thermotropic, plaque assay, mice 2083.
Macaca arctoides, related sequence, occurrence-carnivores DNA 5157.
mammals, antigenic relationship-avian reticuloendotheliosis virus 4354.
mice, DNA sequence, restriction endonuclease analysis 5128.
morphogenesis, cell culture, critical-point drying + electron microscopy (transmission) 1521.
non-transforming, characterization, isolation-spontaneous transformed cell lines, mice 5129.
packaging-oncornavirus like RNA, defective, cells, mice/rats, effects on infectivity 4363.
presence, basal plate, placenta, Macaca mulatta/Papio 7252.
producer cells derived from radiation induced tumours, mice, cell lines characterization/establishment 8095.
production, regulation, relationship-differentiation, leukaemia cells, mice 2484.

production, relationship-chromosome aberrations, mice 8093.

protein p30, activation, liver tumours, rats 1045.
proteins, gene expression, use-mice strains characterization 6590.
reagents, contamination, endotoxins, effects on immune response (cell-mediated), mice 7994.
RNA characterization, myeloma, mice 4681.
role-systemic lupus erythematosus aetiology, man 3152.
STU mice 6588.
studies, bovine leucosis, cattle 3125.
virions, derived from L cells, associated DNA polymerase (RNA-dependent), characterization 4813.
xenotropic, chronic infection, cells, man, interferon effects on 7907.
xenotropic, recombinants-Moloney leukaemia virus, identification-HIX virus 1790.
C-type virus (baboon),
DNA, integration-Bevi gene, cells, man 2211.
endogenous, antibodies, detection, man 2527.
C-type virus (gibbon),
strains, comparison-gibbon ape leukaemia virus-Hall's Island 2502.
strains, genomes homology 2127.
C-type virus (mammalian),
antigenic relationship/evolution relationship-avian reticuloendotheliosis virus 7221.
C-type virus (murine),
amphotropic, N-,B-tropic properties 5817.
amphotropic/ecotropic/xenotropic, gag gene proteins, tryptic peptides analysis 4702.
endogenous, expression, methylcholanthrene induced tumours, mice 1030.
endogenous, induction, radiation, Kirsten sarcoma virus transformed nonproducer cells, mice 6589.
endogenous, oncogenicity, origins-recombination, role-env gene/gag gene 2228.
envelopes glycoproteins, relationship-cell surface glycoproteins, tumour cells, mice 1027.
genomes, detection-specific DNA sequence 6916.
induced cell fusion, XC cells 7542.
restriction, genetic control, glucocorticoids treated embryo cells, mice 1026.
xenotrophic, infection, effects on 7,12-dimethylbenz(a)anthracene induction-mammary gland tumours, rats 1029.
C-type virus (rat),
isolation/characterization, Rattus rattus 333.
Cacao swollenshoot virus,
incidence/symptomatology, Theobroma cacao, Togo 3342.
Cacatua moluccensis,
Australia, Newcastle disease virus identification/isolation 4601.
Australia, Newcastle disease virus isolation 7434.
Cache Valley virus,
isolation, Aedes vexans/Culex tarsalis/Culiseta inornata, Canada 8417.
Cactus virus X,
characterization/isolation, Ferrocactus acanthodes 4602.
Cadang-cadang,
aetiology, role-viruses, Cocos nucifera 6808.
Cadang-cadang disease virus,
associated RNA, complementary DNA biosynthesis/characterization 7016.
RNA, characterization 7604.
Cadmium,
effects on viruses, review 5067.
Caesium,
binding, poliovirus 1 structure 1421.
effects on poliovirus buoyancy, density gradients 4036.
Caffeine,
effects on early antigen expression, Epstein-Barr virus inactivation, radiation (u.v.), nonproducer cells 2764.
effects on host cell reactivation, radiation (u.v.) treated herpes simplex virus 7654.
effects on Newcastle disease virus replication/polypeptides biosynthesis, embryo cells, chickens 7014.
Cairina moschata,
Indonesia, Newcastle disease virus isolation 1206.
Cajanus cajan,
fruits, chemical composition, arhar mosaic virus infection effects on 5369.
Calcification,
liver, infants, cytomegalovirus congenital infection association 378.
Calcium,
cations, stabilization-turnip rosette virus 80.
dependence, dengue virus release, BHK-21 cells 6369.
effects on growth-SV40 transformed cells 4347.
effects on phage MS2/phage Qβ RNA translation, Escherichia coli cell-free system 4759.
ions, regulation-cell cycle, SV40 transformed 3T3 cells 5786.
ions, requirements, phage SF6 infection, Bacillus subtilis 4057.
role-proliferation, Rous sarcoma virus temperature-sensitive mutants transformed kidney cells, rats 317.
role-regulation-microfilaments organization during Sendai virus induced cell fusion 3968.
role-Sendai virus induced cell fusion, erythrocytes, chickens 3385.
role-viruses infection/transformation/uncoating 5493.

IRL©1979

Calcium,(continued)
transport, SV40 transformed 3T3 cells 8048.
Calcium metabolism,
mitochondria, Semliki Forest virus infected embryo cells, chickens 2864.
Calf thymus,
RNA polymerase, transcription-polyoma virus DNA, in vitro 730.
Calicivirus,
antigenic characteristics/properties/replication, review 2147.
association-gastroenteritis, infants, nosocomial infection 5177.
epidemiology, marine mammals 3296.
gastrointestinal tract infection, diagnosis, man 1822.
morphology, electron microscopy, comparison-astrovirus 7635.
protein biosynthesis/capsid protein precursors identification, Vero cells 142.
respiratory tract infection, epidemiology/prophylaxis/symptoms, cats 5691.
strains, antigenic relationship 1584.
Calicivirus (feline),
antisera preparation, cats 7859.
combined vaccines-feline panleucopenia virus/feline rhinotracheitis virus, cats, transmission-man 2408.
combined vaccines-feline rhinotracheitis virus, effects on feline rhinotracheitis virus carriers, cats 1681.
experimental infection, cats, pathology/symptoms, administration routes/strains effects on 4550.
induced pneumonia, ultrastructure, cats 2003.
infection, treatment, ribavirin, cats 1237.
live/inactivated vaccines, comparison, cats 1680.
pneumonia, leucocytes (neutrophilic) response, mechanisms, cats 6518.
respiratory tract infection, cats 3861.
vaccines, cats, current aspects 248.
vaccines, efficacy, cats 1682.
California encephalitis,
clinical manifestations/epidemiology, case reports, USA, North Carolina 3755.
California encephalitis virus,
antigenic relationship-Jamestown Canyon virus/La Crosse virus/Lumbo virus/snowshoe hare virus/Tahyna virus/Trivitattus virus 4942.
genomes, RNA nucleotide sequence, comparison-Bunyamwera virus/La Crosse virus 7592.
incidence, Aedes/horses, Canada, Ontario 5315.
infection/seroepidemiology, relationship-mental retardation, man 8237.
Callinectes sapidus,
proteins, inactivation-phage T2 7968.
virus-like particles 3331.
Callithrix,
experimental infection, hepatitis A virus, antibody response/pathology/susceptibility 4564.
Callithrix jacchus,
Epstein-Barr virus experimental infection, antibody response 3888.
Callus,
cells, Triticum aestivum, wheat striate mosaic virus infected, ultrastructure, in vitro 7556.
Calomys musculinus,
junin virus infected, Junin virus detection-salivary glands 5340.
Calorimetry,
adenovirus (human) 05 infected HeLa cells, micromethods 89.
Calovo virus,
isolation, Aedes vexans/Anopheles maculipennis, Czechoslovakia, Slovakia 3242.
Camels,
Sudan, parainfluenza virus 3 seroepidemiology 7437.
Cameroon,
measles virus vaccination, efficacy/recommendations, children 5002.
Mokola virus characterization/isolation/transmission, Crocidura 1986.
Campoletis sonorensis,
oviposition, Heliothis virescens, virus-like particles injection during 5352.
Camptothecin,
effects on interferon superinduction, poly (I.C), fibroblasts, man 1621.
Canada,
barley yellow dwarf virus infection outbreaks, Avena sativa/Hordeum vulgare/Triticum aestivum 2752.
Cache Valley virus epidemiology 8417.
horses, respiratory tract infection, aetiology, herpesvirus (equine)/influenza virus 6047.
maedi virus infection, sheep 1204.
measles virus epidemiology, relationship-vaccination, children 1153.
parvovirus (porcine) seroepidemiology, pigs 1214.
poliomyelitis outbreaks, association-Netherlands outbreaks, seroepidemiology, man 3227.
rabies control/epidemiology, Mephitis mephitis 1989.
snowshoe hare virus seroepidemiology, Lepus americanus 1227.
Canada, British Columbia,
bluetongue virus, transmission, Culicoides 2703.
Canada, Ontario,
California encephalitis virus incidence, Aedes/horses 5315.
Canada, Saskatchewan,
barley stripe mosaic virus incidence, Hordee distichum/Hordeum vulgare 3930.
Canals,
enterovirus incidence 3786.
Canavanine,
inhibition-influenza A virus ribonucleoproteins assembly 4852.
Cancer patients,
herpes zoster treatment, inosiplex, clinical trials 1172.
treatment, mumps virus, role-immune response 5744.
Candida,
antifungal activity, leucocytes (polymorphonuclear), measles, children 2445.
Candida tropicalis,
antiviral activity, polysaccharides characterization 5758.
virus-like particles infectivity/isolation 3332.
Candidiasis,
relationship-condyloma acuminatum, man 5844.
Canine distemper,
association-Aspergillus bronchitis, dogs, case reports 8362.
central nervous system involvement, dogs 2696.
dogs, case reports, Nigeria 7414.
dogs, diagnosis/treatment, review 2679.
Iceland, relationship-multiple sclerosis incidence, man 1185.
Mephitis mephitis 493.
Mustela putoris furo 6736.
pathology, teeth, dogs juveniles 7413.
Canine distemper virus,
antibodies, levels, multiple sclerosis, man 7394.
antigens, preparation, immunofluorescence, central nervous system/tissues, dogs 5742.

Canine distemper virus,(continued)
associated encephalitis, modification, antibodies administration, dogs 6783.
attenuated, reversion-virulence, passage in vitro/in vivo 590.
combined vaccines-adenovirus (canine), induction-thrombocytopenia, dogs 3058.
combined vaccines-canine hepatitis virus, neurological complications, dogs 4290.
encephalitis, paraffin-embedded tissues, immunofluorescence study 2272.
experimental infection, antibody response, cerebrospinal fluid, Macaca fascicularis 6109.
immune response/vaccination, dogs 3614.
infected cells, antibody-dependent cell-mediated cytotoxicity, effectors characterization, dogs 6535.
infection, cell lines, adsorption kinetics/plaque assay/susceptibility 6863.
respiratory tract infection, dogs 5301, 6041.
role-multiple sclerosis aetiology, Iceland 3850.
vaccination, dogs, review 3615.
vaccination, recommendations, dogs 251, 3605.
vaccination recommendations, juveniles, dogs 7951.
Canine hepatitis,
dogs, diagnosis/treatment, review 2679.
Canine hepatitis virus,
combined vaccines-canine distemper virus, neurological complications, dogs 4290.
isolation/characterization, dogs, Brazil 1216.
Canis adustus,
rabies, Zambia 5316.
Cannabis,
effects on resistance, herpes simplex virus 2 infection, mice 6512.
Capping,
influenza virus RNA, mechanisms, in vitro 1512.
Capsicum annuum,
chilli leaf curl virus, control, use-anti Bemisia tabaca insecticides 8462.
India, chilli leaf curl virus transmission, Hemitarsonemus latus 5391.
pepper veinal mottle virus resistance 552.
viruses disease spread, climatic conditions effects on, predictions, mathematical models 5392.
Capsids,
complex-DNA, staining, methodology, phage T7 7577.
electrophoresis, agarose gel, phage T7 1415.
quaternary structure, computers analysis models, cowpea chlorotic mottle virus 6955.
size, control, phage P4, role-phage P2 4030.
size determination, phage P2, interference, phage P4 4079.
structure, comovirus, review 2834.
structure, electron microscopy, Bombyx mori flacherie virus 75.
structure, ultrasonics, brome mosaic virus 5488.
Capsules,
Bacillus megaterium, effects on phage CK-1 adsorption 4053.
effects on phage 52A/phage 84 adsorption, Staphylococcus aureus 4061.
Carbohydrates,
biosynthesis/structure, influenza virus haemagglutinin side chains 3473.
components, characterization, influenza C virus virions 4722.
Sindbis virus glycoproteins, comparison-host cells 74.
Solanum tuberosum, potato virus X/potato virus Y/potato virus L/potato virus S effects on 3923.
structure, vesicular stomatitis virus glycoproteins 62.
Carbon tetrachloride,
effects on Bombyx mori cytoplasmic polyhedrosis virus stability 672.
Carboxylic acids,
amides derivatives, antiviral activity, influenza virus 8023.
Carboxymethylcellulose,
modification-poly (I.C), effects on interferon induction 894.
Carcinogenesis,
chemicals/viruses, mechanisms, in vitro, review 8040.
role-viruses, man, review 8140.
Carcinogenicity,
20-methylcholanthrene, mice, herpes simplex virus 2 persistent infection effects on 8395.
Carcinogens,
role-viruses, review 5772.
synergism-influenza virus infection, pathogenesis, lung tumours, man 5858.
Carcinus mediterraneus,
baculovirus characterization/isolation 6114.
Cardiomyopathy,
viruses aetiology/diagnosis, man 5195.
Carica papaya,
fruits abnormalities, role-viruses 3913.
Carminomycin,
antiviral activity 7198.
Carnation latent virus,
identification, Dianthus, USA, New York 6148.
Carnation mottle virus,
enzyme-linked immunosorbent assay, micromethods 7876.
incidence, Dianthus caryophyllus, Finland 3931.
RNA, translation, wheat germ cell-free system, regulation, 3′-terminus-role 2216.
Carnation yellow fleck virus,
enzyme-linked immunosorbent assay, micromethods 7876.
Carnivores,
DNA, occurrence-Macaca arctoides C-type virus related sequence 5157.
Casein,
foot-and-mouth disease virus persistence 2821.
production, simultaneous-mammary tumour virus production, floating mammary gland epithelium cells, mice 5153.
Cassava blight,
resistance, inheritance, association-African cassava mosaic disease virus resistance, Manihot glaziovii 2744.
Cassava latent virus,
classification/host range/incidence/properties, Africa, East 6149.

Cataracts,
association-varicella-zoster virus congenital infection, case reports 3177.
congenital, association-rubella, man, South Africa Rep. 5928.
rubella (congenital), man, rubella virus isolation 5204.
treatment, rubella (congenital), case reports 455.
Catecholamines,
membranes receptors, cell lines derived from central nervous system, rabies virus persistent infection effects on 4623.
Catharanthus roseus,
periwinkle chlorotic stunt virus characterization/identification 6855.
Cationic surfactants,
antiviral activity 999.

Cations,
stabilization-turnip rosette virus 80.

IRL©1979

Cats,
calicivirus (feline) induced pneumonia, ultrastructure 2003.
cowpox, clinical manifestations/pathology 4530.
feline infectious peritonitis virus/feline rhinotracheitis virus/calicivirus (feline) vaccines, current aspects 248.
feline leukaemia virus resistance, thymectomy effects on 1023.
pseudorabies, clinical manifestations/epidemiology 4526.
pseudorabies outbreaks, association-uncooked meat 2700.
rabies virus experimental infection 3897.
rabies virus experimental infection, antibody response 1262.
respiratory tract infection, aetiology, review 5302.
rotavirus antibodies incidence 512.
transmissible gastroenteritis virus antibodies detection 969.
virus aetiology-feline urological syndrome 478.
viruses infection, clinical aspects, kidney 2681.
Cattle,
abortion aetiology/diagnosis 477.
abortion diagnosis 474.
Australia, Aino virus/Akabane virus aetiology, arthrogryposis/hydranencephaly outbreaks 1203.
Bolivia, foot-and-mouth disease virus vaccination, hypersensitivity 244.
bovine leukaemia virus transmission 1775.
bovine rhinotracheitis virus aetiology, abortion 6049.
bovine rhinotracheitis virus/ECBOvirus/parainfluenza virus 3 isolation, prepuce washings/semen 2699.
bovine rhinotracheitis virus identification/isolation, pneumonia outbreaks 4525.
bovine rhinotracheitis virus infection, conjunctiva, central nervous system lesions 1245.
bovine rhinotracheitis virus infection, vagina, central neverous system lesions 1246.
bovine rhinotracheitis virus/parainfluenza virus 3 vaccines, efficacy 933.
bovine rhinotracheitis virus/parainfluenza virus 3 incidence, respiratory tract diseases 1198.
British Isles, bovine rhinotracheitis epidemiology 6061.
British Isles, bovine rhinotracheitis virus seroepidemiology 1977.
British Isles, Northern Ireland, parainfluenza virus 3/respiratory syncytial virus respiratory tract infection, outbreaks 5325.
British Isles, papilloma virus role-aetiology-stomach tumours, review 1747.
coronavirus (bovine) scours, management, recommendations 4541.
coronavirus association-diarrhoea, pathogenesis 2693.
coronavirus/rotavirus infection, economic aspects 2689.
diarrhoea, role-coronavirus/cryptosporidia/Escherichia coli/rotavirus association 2690.
dysentery, aetiology, role-viruses 8349.
effects on bluetongue virus infection, sheep 1223.
Finland, adenovirus (bovine) 1/adenovirus (bovine) 2/adenovirus (bovine) 3 seroepidemiology 496.
France, pseudorabies outbreaks 6754.
German Dem. Rep., bovine rhinotracheitis virus/parainfluenza virus 3 association/prophylaxis, respiratory tract diseases 2680.
Germany, Fed. Rep., bovine leukaemia virus infection control/diagnosis/incidence 5119.
Germany, Fed. Rep., foot-and-mouth disease virus isolates classification, outbreaks 1222.
India, rinderpest outbreaks, skin lesions 495.
Israel, parainfluenza virus 3 isolation 1235.
juveniles, bovine rhinotracheitis virus recurrent infection neuropathogenesis, dexamethasone treated 1997.
juveniles, coronavirus/Escherichia coli/rotavirus + Escherichia coli experimental infection, pathogenesis, dose effects on 4552.
juveniles, coronavirus/Escherichia coli/rotavirus ± Escherichia coli experimental infection, abomasum lesions pathology 5336.
juveniles, enteritis/pneumonia, adenovirus (bovine) 7 aetiology 4524.
juveniles, Japan, rotavirus association-diarrhoea 1970.
juveniles, rotavirus (bovine)/rotavirus (equine)/rotavirus (human) cross-protection 245.
juveniles, rotavirus experimental infection, symptoms, colostrum deprivation effects on 6769.
juveniles, rotavirus role-diarrhoea 6744.
juveniles, serum, phages contamination 4211.
juveniles, viruses respiratory tract infection, immune system, review 256.
leucocytosis diagnosis, microhematocrit tecnique 1193.
neonates, parainfluenza virus 3 infection pathogenesis/immune response 1209.
neonates, viruses induction-diarrhoea (neonatal calf), pathogenesis 1238.
Netherlands, bovine mammillitis virus seroepidemiology 497.
Netherlands, bovine rhinotracheitis virus infection control/epidemiology/vaccination 1978.
papilloma virus (bovine) aetiology, gastrointestinal tract papilloma 1748.
papilloma virus (bovine) infection, teats, incidence/pathology 5778.
Papua New Guinea, rotavirus seroepidemiology 8378.
parainfluenza virus 3 vaccination, antibody response/efficacy 4299.
parainfluenza virus 3 vaccines efficacy 946.
parvovirus association/diagnosis, diarrhoea 3281.
pseudorabies virus nonfatal infection, case reports 1964.
rabies virus vaccines-aluminium hydroxide/Freund's adjuvant, comparison, efficacy 2419.
respiratory syncytial virus vaccines, efficacy 3060.
respiratory syncytial virus vaccines, efficacy/safety 3061.
rotavirus (human), vaccination 6502.
rotavirus antibodies incidence 2705.
South Africa, rabies ecology/control 1231.
Sudan, parainfluenza virus 3 seroepidemiology 7437.
Turkey, parainfluenza virus 3 isolation 7416.
UK, bovine leucosis outbreaks 1021.
USA, foot-and-mouth disease diagnosis/epidemiology/symptoms/transmission 6065.
viruses characterization/isolation, diarrhoea 1957.
viruses diarrhoea, pathogenesis/diagnosis/control 476.
viruses gastrointestinal tract/respiratory tract infection, prevention recommendations 3309.
Cauliflower mosaic virus,
DNA, restriction endonuclease mapping 6922.
DNA cloning, Escherichia coli 2790.
gene mapping/use-cloning vectors 5578.
genome, localization-single-stranded DNA 48.
infection, identification/symptoms, Sisymbrium irio, Argentina 5371.
infection symptoms/mutagenesis/cross-protection, Brassica campestris 3918.
neutron scattering studies 7643.
proteins identity/location 4026.
replication, review 2851.
structure, pH effects on 4044.
Caulobacter crescentus,
motility negative mutants, interaction-phages 5588.
phage φCbK phage resistance mutants, induction/

Caulobacter crescentus,(continued)
characterization 845.
phage φCbK resistance mutants, isolation/characterization 1558.
phage φCp2, translation, Escherichia coli cell-free system 1458.
RNA polymerase, transcription-phage fd replicative form DNA 6294.
Celery latent virus,
host range/properties/transmission/cytopathogenesis/classification, Apium graveolens 2745.
Cell adhesion,
Kirsten sarcoma virus transformation effects on 8126.
polyoma virus transformed BHK cells/normal BHK cells 5779.
Cell culture,
Aceratogallia sanguinolenta/Agallia constricta, potato yellow dwarf virus/wound tumour virus neutralization assays 1579.
Aedes, Japanese encephalitis virus infection 4619.
Aedes aegypti, Sindbis virus replication, poly (I.C) effects on 1429.
Autographa californica, nuclear polyhedrosis virus plaque assay 575.
avian laryngotracheitis virus vaccines production 5010.
avian tendon, transformation, Rous sarcoma virus 4358.
brain, mice, Japanese encephalitis virus infection 4619.
BSC cells, transfection, DNA derived from hepatitis B patients liver, antigens characterization 1597.
Burkitt's lymphoma, interferon concentration/production 7113.
C-type virus morphogenesis, critical-point drying + electron microscopy (transmission) 1521.
cell surface morphology/visna virus mutants isolation, antibodies treatment effects on 4628.
cells, monkeys, survival, herpes simplex virus interfering particles production/effects on 576.
central nervous system, rats, pseudorabies virus infection, cytopathology/replication 7531.
characterization/transformation, book 3367.
derived from brain, mice, yellow fever virus long-term infection 1338.
derived from Marek's disease tumours, characterization 2090.
embryo fibroblasts, chickens, infectious bursitis virus replication/plaques formation 7538.
embryo fibroblasts, chickens, pseudorabies virus enzyme-linked immunoassay 1564.
enterovirus (human) 70/coxsackievirus A24 replication, interferon/temperature/cells effects on 680.
epithelium, influenza A virus/simian virus 5/Sendai virus budding 4851.
fibroblasts, African green monkeys, characterization/growth/use-viruses replication 1330.
fluids, BK cells, production-rotavirus (bovine) haemagglutinin inhibitors 4247.
fluids, cytomegalovirus concentration, methodology 2074.
Glycine max callus, southern bean mosaic virus infection/replication 1347.
growth/preparation, microscopy 7524.
HeLa cells, , measles virus replication, review 3384.
HEp-2 cells/BHK21 cells, rabies virus persistent infection 1344.
influenza A virus infection, antiviral activity, amantadine/cyclooctylamine/ribavirin/spiroamantadine 989.
influenza A virus infection, erythrocytes/Streptococcus adherence 6882.
influenza A virus infection, florenal effects on 1736.
J-96 cells, D-type virus derived from, Rauscher leukaemia virus/C-type virus antigenic determinants detection, radioimmunoassay 2963.
kidney, chickens, influenza C virus plaque assay/replication 5435.
kidney, monkeys, coxsackievirus B04 spread, antibodies/sensitized spleen cells effects on 267.
kidney, rats, Kirsten sarcoma virus transformed, actin content/organization 330.
kidney/lung, man, influenza A virus persistent infection, haemagglutinin/neuraminidase antigenic characteristics 4954
macrophages, horses, herpesvirus (equine) 2 persistence 1333.
man/hamsters/monkeys/rats, BK virus infection 2762.
measles virus/subacute sclerosing panencephalitis strains, biological properties 2733.
methodology, poliovirus isolation, sewage 5250.
mice, cytomegalovirus latent infection activation 6090.
mice, herpes simplex virus 1 infection, effects on DNA polymerase activity 688.
murine sarcoma virus variants production 589.
neuroblastoma, mice, C-type particles identification, electron microscopy 320.
pancreas, man, coxsackievirus B3 replication 585.
pigs, Newcastle disease virus vaccines derived from, efficacy, chickens 2425.
rotavirus propagation, methodology, review 2093.
Runde virus persistent infection 2769.
sheep kidney, enterovirus (bovine)/herpesvirus (equine) 1 infection, acid phosphatase release-lysosomes/cytopathology 7537.
sheep pox virus growth, immunogenicity/cytopathogenicity 584.
Sindbis virus + Getah virus mixed infection, antigens competition 587.
spleen, interferon release, macrophages, mice 2976.
tongue, guinea-pigs, interferon induction, Newcastle disease virus/phage f2 6471.
Vero cells, herpes simplex virus spread, enhancement, prostaglandins 6.
viruses isolation, diagnosis-viruses infection, comparative studies 189.
viruses plaques formation, methodology 7523.
Cell cycle,
BALB/c 3T3 cells, interferon effects on 2985.
cell culture, man, relationship-transformation susceptibility 8147.
cells, man/mice, interferon effects on 2982.
fibroblasts, man, fibroblasts/leucocytes interferon effects on 5644.
Friend erythroleukaemia cells, relationship-globin mRNA biosynthesis 1034.
relationship-Friend erythroleukaemia cells differentiation 325.
SV40 transformed 3T3 cells, regulation, calcium ions 5786.
SV40 transformed 3T3 cells, polyamines deprivation effects on 5784.
Cell density,
cells growing-hydrogel membranes, relationship-vesicular stomatitis virus replication 2160.
Cell fusion,
activity, radiation (u.v.) inactivated Sendai virus, role-cytotoxicity, infected target cells 981.
BHK-21 cells, vesicular stomati is virus induced, glycoproteins biosynthesis inhibitors effects on 7547.
erythrocytes, chickens, Sendai virus induced, ultrastructure/role-calcium 3385.
erythrocytes, Sendai virus induced 6879.
erythrocytes ghosts, Sendai virus induced, role-spectrin 5441.
factors, characterization/purification, Sendai virus 3561.

IRL©1979

Cell fusion,(continued)
fibroblasts-man/cells-hamsters, radiation (u.v.) inactivated Sendai virus induced, electron microscopy 4626.
HeLa cells + chickens-erythrocytes, Sendai virus induced, electron microscopy (scanning) 7550.
HeLa cells, Sendai virus induced 6880.
induction, murine leukaemia virus, role-envelopes glycoproteins 6174.
induction, polyethylene glycol/visna virus, comparison 6176.
induction, scrapie agent/Sendai virus 6177.
induction, visna virus 6175.
induction, visna virus mutants/wild type 6877.
induction-Sendai virus, erythrocytes ghosts 7549.
J-96 cells/J-41 cells, comparison-Sendai virus/polyethylene glycol 593.
Mason-Pfizer monkey virus induced, kinetics/relationship-viruses replication cycles 6876.
neuroblastoma cell lines, mice, induction-vesicular stomatitis virus temperature-sensitive mutant 7546.
quantification, flow microfluorometry, Newcastle disease virus 592.
RD-114 virus induced, inhibition-interferon, transformed cell lines, man 6472.
Sendai virus induced, mechanisms 2102.
Sendai virus induced, microfilaments organization during, regulation, role-calcium 3968.
Vero cells, induction, measles virus, electron microscopy 2771.
XC cells, C-type virus (murine) induced 7542.
Cell hybrids,
cancer-mice, mechanisms 3151.
Cell lines,
adenovirus (human) 5 transformed, adenovirus (human) 5 DNA transcription 1478.
Aedes albopictus, western equine encephalitis virus persistent infection, temperature-sensitive mutant, genetic analysis 3963.
Aedes pseudocutellaris, dengue virus 1 physical properties 3419.
Antheraea eucalypti, Chilo iridescent virus assays, comparison-Galleria mellonella larvae 4610.
BHK cells, subacute sclerosing panencephalitis virus persistent infection, antigens expression 3967.
bone marrow, mice, Abelson leukaemia virus transformed, immunoglobulins secretion 5149.
breast tumours, man, mammary tumour virus antigen (tumour-associated) detection 4393.
Burkitt's lymphoma, growth, agarose, Epstein-Barr virus conversion effects on 5101.
Burkitt's lymphoma, lymphocytes B specific glycoproteins expression, relationship-Epstein-Barr virus receptors/complement C3 receptors compex 5421.
cattle, bovine diarrhoea-mucosal disease virus antigenicity/soluble antigen production 1586.
central nervous system tumour cells, rats, herpes simplex virus 1 persistent infection pathology 2763.
characterization/establishment, C-type virus producer cells derived from radiation induced tumours, mice 8095.
CV-1 cells, SV40 cytotoxicity prevention-chloroquine 2084.
DBT cells, mouse hepatitis virus assays/replication 4621.
derived from Aedes pseudoscutellaris, dengue virus isolation 3382.
derived from central nervous system, rabies virus persistent infection, effects on acetylcholine/catecholamines/prostaglandins membranes, receptors 4623.
derived from central nervous system, response-hormones stimulation, subacute sclerosing panencephalitis virus persistent infection effects n 4625.
derived from hairy cell leukaemia, man, Epstein-Barr virus genomes detection 5852.
derived from leukaemia (acute myelomonocytic), man, viruses detection 1817.
derived from lymphosarcoma, cattle, bovine leukaemia virus induction 5118.
derived from Marek's disease, antigenic characteristics 2289.
Drosophila melanogaster, media (culture) derived from, viruses detection 6183.
Ebola virus/Lassa fever virus cytopathogenesis/replication 3383.
embryos, mice, murine leukaemia virus related mRNA sequence, abundance/complexity 4138.
epithelium, derived from C57BL/6 mice mammary gland, mammary tumour virus infection 1342.
Epstein-Barr virus carrying, Herpesvirus papio superinfection, inhibition-DNA biosynthesis 4747.
Epstein-Barr virus negative, malignant, derived from Hodgkin's disease, establishment 6871.
erythroleukaemia, Friend leukaemia virus/Rauscher leukaemia virus transformed, differentiation, phorbol esters/12-O-tetradecanoylphorbol-13acetate effects on 4369.
establishment, adenovirus (human) 12 induced tumours, retina, rats 7215.
establishment, rhesus monkey oesophagus tumours, C-type virus detection 1046.
glioma, interferon production 3565.
glioma, rats, C-type virus detection/physicochemical properties 7251.
growth, murine leukaemia virus/murine sarcoma virus infectivity/replication, pH effects on 3965.
hamsters, CELO virus induced hepatocellular carcinoma/sarcoma, antigenic characteristics/virus-like particles production 1007.
hamsters, herpes simplex virus 1 DNA transformation 5098.
hamsters/mice, Abelson leukaemia virus transformed, lymphocytes B precursors characterization 6599.
Heliothis zea, baculovirus virus-like particles persistent infection 12.
Hodgkin's disease, characterization/Epstein-Barr virus detection 7.
IB-RS2 cells, hog cholera virus cytopathogenicity/isolation 1339.
insects, baculovirus penetration/release/replication, electron microscopy 4731.
J-41 cells/J-96 cells, interferon induction, relationship-chromosome 2 levels 1622.
karyotypes, herpesvirus induced kidney adenocarcinoma, frogs 1011.
KB cells, coxsackievirus B1 infection, effects on membrane potential 2168.
kidney, SV40 transformed, membranes, fatty acids/glycolipids composition 5785.
kidney embryo cells, chickens, influenza C virus growth 2770.
leukaemia, mice, in vitro, continuous culture, induction, Abelson leukaemia virus/Friend leukaemia virus 8103.
leukaemia (plasma cell), Epstein-Barr virus carriers, establishment/characterization/comparison 579.
lung, man, establishment/interferon biosynthesis/viruses susceptibility 7107.
Lymantria dispar, nuclear polyhedrosis virus susceptibility 1275.
lymphocytes B lymphoma, transformation, Epstein-Barr virus, relationship-complement activation alternative pathway, man 3117.
lymphoma, Abelson leukaemia virus induced,

Cell lines,(continued)
histocompatibility antigen H-2 incompatible lymphocytes response, mice 270.
lymphoma, Epstein-Barr virus negative, conversion, Epstein-Barr virus receptors levels, relationship-biological properties-viruses-4617.
macrophages, mice, Abelson leukaemia virus transformed, characterization 1039.
mammalian cells, Semliki Forest virus defective-interfering particles production/characterization 759.
mammary gland tumours, dogs, oncornavirus induction, uridine (5′-iodo2′-deoxy) 5125.
mammary gland tumours, rats, role-Kilham rat virus 3654.
man, SV40 transformed, chromosomes analysis 4345.
man, transcription, stimulation, Epstein-Barr virus nuclear antigen 6287.
MCF-7 cells, rubella virus replication, 17β-oestradiol effects on 2195.
MDCK cells, use influenza virus isolation 4624.
mice, A-type particles activation, uridine (5′-iodo-2′-deoxy)/dexamethasone 1781.
mice, mouse hepatitis virus plaques formation, DEAE-dextran effects on 5431.
mice, polyoma virus nontransforming mutants, antigen T induction 2284.
mice, replication defective Moloney leukaemia virus rescue/transmission 3693.
mice, spontaneous transformed, isolation-non-transforming C-type virus, characterization 5129.
MJY-a cells, mammary tumour virus production, modulation 2096.
Mm5mt/c_1 cells, mammary tumour virus/murine leukaemia virus replication/budding, electron microscopy 797.
Muntiacus muntjak vaginalis, SV40 transformed, characterization/establishment 3660.
Mus cervicolor x Mus musculus hybrids, Moloney leukaemia virus/Rauscher leukaemia virus receptors, genetic analysis 4185.
myeloma, C-type particles producing, susceptibility-cytotoxic antibodies, melphalan effects on 4364.
myeloma x spleen hybrids, mice, murine leukaemia virus antibodies characterization/secretion 5133.
nerves cells, herpes simplex virus replication 2085.
nonproducer cells, Epstein-Barr virus inactivation, radiation (u.v.), early antigen expression, caffeine effects on 2764.
pigs kidney, Tuleniy virus growth 4620.
polyoma virus/SV40 transformed, macrophages cytotoxicity, mice/rats 298.
rabbits, herpesvirus (equine) 1-vaccines strains/wild-type, differentiation, plaques morphology 5419.
rats, adenovirus (human) 5 transformed, establishment/properties 5096.
rats, polyoma virus transformed, DNA organization 4094.
rats, SV40-adeno-hybrid virus transformation, genomes expression 4346.
rats, transformation, Rous sarcoma virus, single-stranded DNA DNA-binding protein biosynthesis 8088.
rats embryos, adenovirus (human) 2 transformed, mRNA metabolism 4107.
reptiles, Fer-de-Lance virus replication 6886.
reptiles, Fer-de-Lance virus replication, temperature effects on 6887.
rhabdomyosarcoma, man, C-type virus detection-cell-free extracts 1058.
rubella virus persistent infection, role-defective-interfering particles 6875.
skin, horses, equine infectious anaemia virus adaptation/titration-infectivity 5428.
TN-368 cells, Autographa californica nuclear polyhedrosis virus infection 594.
TN-368 cells, Autographa californica nuclear polyhedrosis virus infected, oxygen consumption 1448.
Trichoplusia ni, Autographa californica nuclear polyhedrosis virus growth 595.
3T6 cells, membranes permeability, encephalomyocarditis virus protein biosynthesis effects on 2863.
WI-26 cells/WI-38 cells, SV40 transformation, effects on alkaline phosphatase 1755.
WI-38 cells, cytomegalovirus infected, chromatin structure 578.
Cell membranes,
antigens, oncornavirus, cats associated, enzyme immunoassay 5611.
antigens, oncornavirus, cats associated, concentration/isolation, tissue culture fluids, methodology 5814.
interferon receptors, characterization 1648.
macromolecules penetration, Sendai virus adsorption/early replication 6281.
proteins, characterization, avian sarcoma virus B77 transformed cells, rats 4355.
receptors, interferon, role-antiviral activity 1607.
reconstitution, Sendai virus proteins, induction-viruses specific cytotoxic lymphocytes T 4325.
vesiculation, Rous sarcoma virus transformed cells, rats, in vitro 5114.
Cell surface,
antigens, adenovirus (human) 2 transformed cell lines, rats, relationship-histocompatibility antigen Ag-B 3665.
embryo cells, chickens, rabies virus infection effects on 4622.
glycoproteins, tumour cells, mice, relationship-C-type virus (murine) envelopes glycoproteins 1027.
interaction-interferon, role-antiviral activity, review 2332.
interferon binding, role-antiviral activity, review 2331.
interferon effects on, role-antiviral activity 1625.
modifications, antibodies induced, role-establishment-persistent infection, measles virus infected HeLa cells 7189.
morphology, Kirsten sarcoma virus transformed mink lung cells 4377.
proteins, hamster sarcoma virus transformed fibroblasts, hamsters 5127.
radiation/radiation leukaemia virus induced tumour cells, murine leukaemia virus receptors, specificity 3131.
Cell walls,
amino acids, Escherichia coli, effects on phage T2 infectivity 84.
Bacillus subtilis, binding-phage SP50 4735.
bacteria, virus-like particles detection, occurrence-faeces extracts, man 1545.
composition, Bacillus subtilis, relationship-phage SP50 binding 1434.
Escherichia coli, modification, effects on adsorption/replication, phage T4 4058.
Mycobacterium leprae, phage D29 infection effects on 6397.
Cells,
viruses penetration, role-receptors, review 3432.
CELO virus,
induced hepatocellular carcinoma/sarcoma cell lines, hamsters, antigenic characteristics/virus-like particles production 1007.
Central African Rep.,
Lagos bat virus isolation, Micropterus pusillus 1230.
Central European encephalitis virus,
ecology, Ixodes ricinus, France, Alsace 3231.

IRL©1979

Central nervous system,
cell culture, rats, pseudorabies virus infection, cytopathology/replication 7531.
cell lines derived from, rabies virus persistent infection, effects on acetylcholine/catecholamines/prostaglandins membranes, receptors 4623.
cell lines derived from, response-hormones stimulation, subacute sclerosing panencephalitis virus persistent infection effects on 4625.
cells, measles virus replication, review 3384.
changes, viruses respiratory tract infection, man 3162.
children, viruses infection, diagnosis/management/pathology, review 2545.
diseases, hamsters, subacute sclerosing panencephalitis virus infection 2016.
diseases, man, cytomegalovirus/herpes simplex virus/measles virus/rubella virus antibodies incidence/levels 4407.
diseases, man, cytomegalovirus/measles virus/rubella virus/varicella-zoster virus antibodies incidence/levels 4408.
extracts, immunity (cell-mediated), multiple sclerosis, man 1183.
hamsters, neuroadapted mumps virus virulence/persistence 542.
involvement, canine distemper, dogs 2696.
involvement-feline infectious peritonitis, cats 3290.
involvement-infectious mononucleosis, case reports 1092.
lesions, cattle, bovine rhinotracheitis virus infection, conjunctiva 1245.
lesions, cattle, bovine rhinotracheitis virus infection, vagina 1246.
lesions, histopathology, Papio, herpesvirus (simian) SA8 experimental infection 8399.
man, cytomegalovirus infection, case reports 8204.
mice, herpes simplex virus 1 pathogenesis, role-immune response (cell-mediated) 6087.
mice, organ culture, myelin degeneration, electron microscopy, herpes simplex virus infection 5445.
mice, parainfluenza virus 1/parainfluenza virus 3 infection pathogenesis 2019.
multiple sclerosis, papovavirus/paramyxovirus virus-like particles detection 3273.
myxovirus/paramyxovirus infection, immune response, hamsters 7188.
organ culture, mice, Semliki Forest virus growth/temperature sensitivity, relationship-virulence 3969.
pathogenesis/immunity/mechanisms, slow viruses infection, man/animals, review 457.
pathology, varicella, children 8220.
rabbits, animal models, herpes simplex virus infection susceptibility 1242.
tumour cells, rats, herpes simplex virus 1 persistent infection pathology 2763.
ultrastructure, rabbits, herpes simplex virus 1 encephalitis 6085.
viruses diseases, treatment, levamisole, man 3838.
viruses infection, diagnosis, immunoelectrophoresis (counter), man 5864.
viruses infection, pathology, man, review 6621.
Centrifugation,
C-type virus purification, culture fluids 1326.
gradients, methodology, oncornavirus purification 3952.
immunoglobulin M levels, diagnosis-rubella (congenital), children 3723.
purification-herpes simplex virus/influenza B virus 5406.
Ceratoma trifurcata,
transmission-cowpea mosaic virus, Desmodium canescens/Glycine max, USA, Illinois 6136.
Cercopithecus aethiops,
animal models, evaluation-poliovirus vaccines neurovirulence 913.
Machupo virus infection, pathology 1258.
measles virus infection, immune response (cell-mediated), leucocytes migration inhibition 274.
Cercopithecus aethiops pygerythrus,
South Africa, Chikungunya virus/simian virus SA12 infection incidence 6750.
Cerebellum,
cells, mice, rabies virus antigens detection/pathogenesis 2013.
Cerebrospinal fluid,
abnormalities, sheep, visna 1951.
analysis, diagnosis-meningitis 3718.
Macaca fascicularis, antibody response, canine distemper virus/measles virus experimental infection 6109.
multiple sclerosis, immunoglobulins, light chains ratios 1181.
multiple sclerosis, viruses antibodies biosynthesis, man 280.
schizophrenia, man, detection-virus-like particles 7283.
viruses isolation, methodology 3716.
Cerium,
lung retention, mice, influenza virus infection effects on 3899.
Cerotoma trifurcata,
transmission-blackgram mottle virus 7642.
transmission-cowpea chlorotic mottle virus, Lespedeza cuneata 6135.
Cerulenin,
effects on Rous sarcoma virus replication, embryo fibroblasts, chickens 1500.
Ceruloplasmin,
rabbits/rats, effects on influenza virus replication, chick embryos chorioallantoic fluid 2773.
Cervidae,
Germany, Fed. Rep., bovine diarrhoea-mucosal disease virus/bovine rhinotracheitis virus incidence 7422.
Cervix,
condylomatosis, papovavirus presence, man 1804.
epithelium cells, cancer/normal, man, herpes simplex virus 2 replication, in vitro 4614.
ganglia, herpes simplex virus 2 detection, association-cervix tumours, man, case reports 2513.
nerves, blocking, treatment-herpes zoster, man 2664.
viruses infection, man, histology 5169.
Cervus elaphus,
captivity, British Isles, louping-ill virus infection 487.

malignant catarrhal fever outbreaks 6742.
Chaetosiphon fragaefolii,
transmission-mild yellow-edge virus, Fragaria, USA, Oregon 6133.
Chagres virus,
characterization/physicochemical properties, comparison-Karimabad virus/Punta Toro virus/sandfly fever virus 4720.
Chandipura virus,
pseudotypes, use-bovine leukaemia virus antibodies neutralization 5610.
Channel catfish virus,
characterization/purification 3371.
DNA, restriction endonuclease mapping 6911.
Cheese,
industries, lactic acid bacteria phages infection control, review 4887.
phages infection, Streptococcus lactis 831, 837.
Chelidonium majus,
Czechoslovakia, cucumber mosaic virus characterization/isolation 7500.

Chemical composition,
Cajanus cajan fruits, arhar mosaic virus infection effects on 5369.
Chemicals,
interaction-viruses, role-Reye's syndrome, man 6622.
Chemotaxis,
aqueous humour, rabbits, herpes simplex virus uveitis 6083.
Chemotherapy,
lymphoproliferative diseases, man, effects on influenza virus vaccination efficacy 7142.
Chenopodium amaranticolor,
antiviral agents isolation/activity 6550.
factors affecting spinach mosaic virus infectivity 7478.
Chenopodium hybridum,
beet yellows virus infection, ultrastructure, electron microscopy 2046.
Chenopodium quinoa,
apple chlorotic leaf spot virus replication, inhibition, ribavirin 6807.
detection-peach rosette mosaic virus, Vitis 6798.
tobacco etch virus systemic infection 1296.
tobacco mosaic virus/tomato mosaic virus infection, symptoms 4950.
Cherry leaf roll virus,
incidence/symptoms/transmission, Rubus idaeus, New Zealand 3353.
infection, incidence/symptomatology/transmission, Juglans regia, Italy 1287.
physicochemical properties/antigenic characteristics/isolation-Juglans regia 77.
Cherry mottle leaf,
aetiology/transmission, Prunus armeniaca 2038.
Chick embryos,
Akabane virus growth 3388.
avian infectious bronchitis virus isolates, differentiation, replication thermoresistance 1352.
avian leucosis virus growth/pathology 4632.
brome mosaic virus RNA replication 4837.
chorioallantoic fluid, influenza virus réplication, rabbits/rats ceruloplasmin effects on 2773.
chorioallantoic membrane, lesion-free dropping method 1351.
immunization (passive), passage-influenza virus, antigenic variation/vaccines production 2295.
infectious bursitis virus attenuation, passage 596.
influenza A virus infection, effects on ribosomes, chorioallantoic membranes 5544.
influenza A virus infection, florenal effects on 1736.
muscle cells, herpes simplex virus 1/vaccinia virus DNA replication 1481.
Newcastle disease virus infected, allantoic fluid enzymes activity, Newcastle disease virus strains differentiation 4633.
production-vaccinia virus vaccines 5666.
Runde virus infection pathology 2772.
Chickens,
adenovirus (avian) vaccines, antibody response/efficacy/safety 4289.
avian sarcoma virus pathogenicity, cyclophosphamide effects on 5807.
diarrhoea outbreaks, role-rotavirus 5307.
genes, relationship-endogenous avian leucosis virus/avian sarcoma virus genes, review 4353.
hepatitis (inclusion body), inclusions ultrastructure/pathology/role-parvovirus 6044.
hepatitis (inclusion body) induction, bursectomy 1959.
herpesvirus (turkey) infection immunity (cell-mediated) 2434.
Hungary, Marek's disease diagnosis/epidemiology 1979.
influenza A virus strains pathogenicity 1266.
lines, Marek's disease virus susceptibility 2469.
Marek's disease virus vaccination, immunity 1684.
New Zealand, adenovirus seroepidemiology 8369.
Newcastle disease virus experimental infection, distribution-organs, immunofluorescence 2017.
Newcastle disease virus local immune response, in vitro/in vivo 1723.
Nigeria, infectious bursitis seroepidemiology 511.
nuclear polyhedrosis virus pathogenicity 3901.
paralytic syndrome virus detection, immunofluorescence 5622.
reovirus + Mycoplasma synoviae mixed infection, pathogenesis 1252.
reovirus (avian) induction-hepatitis 1253.
role-eastern equine encephalitis virus epidemiology, Jamaica 2706.
Runde virus infection pathology 2772.
selection, avian leucosis virus resistance 2473.
Chikungunya virus,
antiviral activity, media (culture) derived from bacteria 5075.
infection, incidence, Cercopithecus aethiops pygerythrus, South Africa 6750.
propagation, Aedes, methodology 6113.
Children,
arthritis, association-varicella, case reports 5193.
astrovirus/coronavirus/reovirus association-gastroenteritis 1858.
Austria, rubella virus vaccination, antibody response 226.
British Isles, respiratory syncytial virus incidence/aetiology, respiratory tract infection 407.
British Isles, viruses respiratory tract infection epidemiology 1133.
bronchiectasis, possible role-viruses, case surveys 1069.
Canada, measles virus epidemiology, relationship-vaccination 1153.
cancer patients, varicella pathology/prophylaxis 5917.
diarrhoea, viruses aetiology/pathogenesis/symptomatology, review 357.
Egypt, Arab Rep., enterovirus aetiology, diarrhoea 1856.
hepatitis (acute), lipids levels/prognosis 416.
hepatitis A association-anaemia (aplastic), case reports 7331.
hepatitis associated-anaemia (aplastic), case reports 1876.
herpes zoster viraemia, cancer patients 1095.
immunodeficiency, association-viruses susceptibility 2429.
India, enterovirus infection epidemiology 5247.
India, measles clinical manifestations 5933.
India, poliomyelitis epidemiology 426.
India, poliovirus vaccination status 223.
India, rotavirus antibodies incidence 5973.
influenza A clinical manifestations/prognosis 1869.
institutions, USA, Pennsylvania, enterovirus infection 5969.
Iran, viruses isolation, respiratory tract diseases 5876.
Japan, hepatitis B virus aetiology, membranous nephropathy 1882.
malnutrition, measles, pneumonia complications 1871.
measles, leucocytes (polymorphonuclear), antifungal activity, Candida 2445.
measles virus infection, immunosuppression 1721.
measles virus vaccination recommendations 1674.
mumps association-hearing loss 406.
mumps meningoencephalitis, neurological complications, case reports 404.
New Zealand, viruses respiratory tract infection incidence 1070.
Philippines, rotavirus association-diarrhoea 1864.
poliomyelitis clinical manifestations 390.
rabies virus vaccination, efficacy/safety 5679.

IRL©1979

Children,(continued)
respiratory syncytial virus/influenza virus/parainfluenza virus infection, interferon response 901.
rotavirus association-gastroenteritis 1109.
rotavirus gastroenteritis, comparison-strains, case reports 1860.
rotavirus gastroenteritis, review 1859.
rubella virus infection, association-diabetes mellitus 2581.
South Africa, viruses infection morbidity/mortality 1831.
Tanzania, measles virus associated gastroenteritis, electrolytes studies 400.
tropical environments, measles virus bronchopneumonia, malnutrition 7316.
USA, New York, hepatitis A virus/hepatitis B virus seroepidemiology 444.
USA, Oregon, measles control/epidemiology/vaccination 1929.
USA, viruses vaccination recommendations 224.
Venezuela, rotavirus association-gastroenteritis 393.
viruses pneumonia, treatment 6017.
viruses respiratory tract infection, association-bronchitis 6644.
Chile,
Aphididae vectors-viruses 560.
Chilli leaf curl virus,
control, use-anti Bemisia tabaca insecticides, Capsicum annuum 8462.
transmission, Hemitarsonemus latus, Capsicum annuum, India 5391.
Chilo iridescent virus,
assays, comparison, Antheraea eucalypti cell lines/Galleria mellonella larvae 4610.
Chim virus,
isolation/physicochemical properties, Argasidae/Ixodidae, USSR 7493.
Chimpanzees,
coxsackievirus B5 infection, case reports 1966.
dengue virus experimental infection, viraemia/antibody response 538.
hepatitis B virus infection, ethanol effects on 3903.
Norwalk agent induction-gastroenteritis 2728.
zoological gardens, British Isles, hepatitis B carriers 523.
China,
influenza A virus antigenic characteristics 4945.
Chinese hamsters,
lung cells, virus-like particles detection/ultrastructure 67.
Chironomus decorus,
larvae, entomopoxvirus infection, incidence/role-populations control 6792.
Chironomus iridescent virus,
structure/ultrastructure 2828.
Chlamydia trachomatis,
pneumonia, role-viruses 8179.
Chloramphenicol,
antibiotic resistance, transposons, phage Mu insertion 809, 2221.
effects on cucumber mosaic virus infection, Cucumis sativus 1282.
effects on intracellular phage T1 radiation (u.v.) resistance, Escherichia coli 3975.
Chlordimeform,
combination-granulosis virus/nuclear polyhedrosis virus/Bacillus thuringiensis, control-Pieris rapae/Trichoplusia ni 2740.
Chlorhexidine diacetate,
antiviral activity, pseudorabies virus, in vitro 993.
Chlorides,
effects on antiviral activity, zinc 5082.
transport, Friend erythroleukaemia cells 6597.
Chlorine,
disinfection-viruses 7199.
effects on morphology, Dane particles 8024.
incorporation-phage f2 RNA, pH effects on 6714.
resistant, indicator organisms, use-viruses detection, treated water 5228.
Chloris gayana,
symptoms, chloris striate mosaic virus infection 7644.
Chloris striate mosaic virus,
characterization/isolation, Chloris gayana 7644.
virions, ultrastructure, electron microscopy 3423.
Chlorococcum,
viruses characterization 6257.
1-Chloro--2,4-Dinitrobenzene,
treatment-warts, hypersensitivity induction, man 5845.
Chloroform,
effects on Bombyx mori cytoplasmic polyhedrosis virus stability 672.
orbivirus resistance 43.
Chlorophyll,
activity, Arachis hypogaea, groundnut chlorotic spot virus infection effects on 5373.
content, Beta vulgaris, beet yellows virus infection effects on 2036.
levels, Oryza sativa, rice tungro virus infection effects on 1294.
Chloroquine,
enhancement-Epstein-Barr virus expression, Raji cells 2087.
prevention-SV40 cytotoxicity, CV-1 cells 2084.
Chlorpromazine,
photoinactivation-herpes simplex virus/Pichinde virus/western equine encephalitis virus 4669.
Cholesterol,
composition, membranes, SV40 transformed 3T3 cells 3662.
composition, spleen erythroblasts, Rauscher leukaemia virus infection, mice 3318.
exchange-liposomes, vesicular stomatitis virus membranes 671.
levels, children, measles virus infection/vaccination effects on 3601.
levels, serum, hepatitis (acute), man 1119.
levels, serum, man, hepatitis (acute) 1877.
levels/metabolism, normal/polyoma virus transformed fibroblasts, hamsters 8041.
Cholesterol (25-Hydroxy),
effects on Rous sarcoma virus replication, embryo fibroblasts, chickens 1500.
Choline acetyltransferase,
levels, brain, scrapie, mice, Alzheimer's disease-man, comparative studies 1948.
Cholinesterase,
levels, serum, dengue virus haemorrhagic fever, man 4429.
levels, serum/nervous system, chickens, Marek's disease virus experimental infection 533.
Chorioallantoic membrane,
chick embryos, lesion-free dropping method 1351.
influenza virus infected, ribosomes, ammonium chloride/potassium chloride/puromycin effects on 6359.
ribosomes, chick embryos, influenza A virus infection effects on 5544.
Chorioretinitis,
associated-herpes simplex virus infection, neonates, case reports 5185.

Chromatin,
associated factors, induction, cytomegalovirus, effects on chromatin structure/template activity, embryo cells, man 690.
associated protein kinase, SV40 transformed cells, rats 2466.
association influenza A virus capsids, infected cells 6275.
c.d., Epstein Barr virus positive lymphoblastoid cell lines 2089.
DNA-binding protein, cytomegalovirus induced, characterization, lung cells, man 7723.
DNA replication origin, endonuclease recognition/structure, polyoma virus/SV40 4096.
endonuclease cleavage sites, SV40 2121.
infected nuclei, BHK21/C13, herpes simplex virus DNA biosynthesis 747.
nucleosomes, arrangement, electron microscopy, SV40 118.
processing/structure/transcription, SV40 transformed 3T3 cells 734.
structure, cytomegalovirus infected WI-38 cells 578.
structure, SV40 618, 2784.
structure/transcription, SV40, histones acetylation effects on 121.
Chromatography,
analysis-vaccinia virus mRNA methylated caps structures 140.
characterization-adenovirus structural protein 2793.
immunoglobulin M levels, diagnosis-rubella (congenital), children 3723.
interferon, use-Cibacron Blue binding 4266.
studies, Epstein-Barr virus nuclear antigen DNA binding properties, fixed nuclei 2288.
Chromatography (affinity),
copper chelation, comparison-interferon derived from fibroblasts/leucocytes, man 7114.
interferon 1606.
interferon purification/separation 4261.
lymphocytes interferon, characterization 2970.
purification-hepatitis A virus, faeces, man 5412.
purification hepatitis B surface antigen 1594.
purification-influenza virus 5409.
purification-interferon 1610, 4252.
Chromium release test,
orf virus antibodies + complement interaction-infected target cells 5634.
Chromium-51,
membrane permeability, reduction, herpes simplex virus 1 infection, cells 6285.
Chromosome aberrations,
cells, animals, tick-borne encephalitis virus infection effects on 4750.
lymphocytes, hepatitis B, man 8262.
man, Epstein Barr virus positive Burkitt's lymphoma 7262.
mice, relationship-C type virus production 8093.
spermatocytes, mice, influenza A virus induced 6106.
viruses infected cells, role-deoxyribonuclease 1444.
Chromosome damage,
HEp-2 cells, induction, herpes simplex virus 1/herpes simplex virus 2, inhibition, cycloheximide 2860.
Chromosomes,
abnormalities, SV40 temperature-sensitive mutant transformed cells, hamsters 2463.
alterations, man, subacute sclerosing panencephalitis 6730.
analysis, SV40 transformed cell lines, man 4345.
association-coxsackievirus B infection susceptibility, J41 cells/J96 cells 3962.
BALB/Mo cells, Moloney leukaemia virus integration sites, mapping 5537.
chromosome 2, levels, relationship-interferon induction, J-41 cells/J-96 cells cell lines 1622.
chromosome 21, trisomy, effects on interferon inhibition-lymphocytes blastogenesis, man 4976.
chromosome 5, ecotropic murine leukaemia virus, genetic linkage-phosphoglucomutase, C3H/HeJ mice/BALB/c mice 6596.
chromosome 5, mice, gene localization-ecotropic murine leukemia virus receptors 1441.
deletions, Escherichia coli, stimulation, phage Mu prophages 843.
derived from adenovirus (human) 5/SV40 cells, transformation induction, cells, mice/rats 5773.
DNA fragments, analysis, SV40 3989.
Escherichia coli, phage Mu integration, mechanisms 6301.
histones mobility, SV40 1385.
hybrid cells, association-Epstein-Barr virus nuclear antigen/genomes 1428.
infected fibroblasts, Muntiacus muntjak, SV40 antigen T binding 197.
man, association-Epstein-Barr virus genomes, cell hybrids 582.
mice, mammary tumour virus DNA distribution 4819.
nucleosomes arrangement, SV40 36.
packaging, phage λ 3484.
rearrangement, phage Mu-1, insertion, insertion sequence 2 4865.
replication, SV40 124.
requirements, Zea mays, barley stripe mosaic virus/brome mosaic virus/maize dwarf mosaic virus/wheat streak mosaic virus resistance 2747.
sister chromatid exchange, Down's syndrome, man, measles virus vaccination effects on 7146.
specificity, phage λ DNA packaging 4151.
structure, SV40, histone H1 effects on 7584.
studies, radiation leukaemia virus induced leukaemia, mice 324.
subunits conformation, regulation, cells, chickens, Rous sarcoma virus/Rous-associated virus 319.
SV40 transformed 3T3 cells, polyamines deprivation effects on 5784.
transformed cells, man, herpes simplex virus 2 thymidine kinase genes integration sites 8150.
Chronic bee paralysis virus,
ribonuclease effects on, Apis mellifera 3324.
Chrysanthemum,
chrysanthemum chlorotic mottle viroid/chrysanthemum stunt virus/citrus exocortis viroid/potato spindle tuber viroid, cross-protection/repliation 2039.
Chrysanthemum chlorotic mottle viroid,
circular RNA, phosphodiesters cleavage 6247.
cross-protection-chrysanthemum stunt virus/citrus exocortis viroid/potato spindle tuber viroid, Chrysanthemum/Lycopersicon esculentum 2039.
RNA, conformation, melting analysis 6923.
Chrysanthemum frutescens,
virus-like particles detection/physical properties 5487.
Chrysanthemum stunt viroid,
circular RNA, phosphodiesters cleavage 6247.
complementary DNA probes, synthesis/characterization 785.
cross-protection-chrysanthemum chlorotic mottle viroid/citrus exocortis viroid/potato spindle tuber viroid, Chrysanthemum/Lycopersicon escuentum 2039.
RNA, conformation, melting analysis 6923.
Chrysene,
diol epoxide, interaction-phage φX174 DNA 6896.

IRL©1979

Chymotrypsin,
effects on foot-and-mouth disease virus variants antigenicity/infectivity 1388.
effects on polyoma virus infection, embryo fibroblasts, mice 4737.
Cibacron blue,
interaction-phage T4 DNA polymerase 6972.
Cigarette smoke,
effects on susceptibility, influenza A virus ± Haemophilus influenzae/Klebsiella pneumoniae mixed infection, mice 5323.
exposure, effects on adenovirus (human) 5 infectivity 4717.
Circulatory system,
diseases, effects on immune response, influenza A virus vaccination, man 6491.
Circulifer tenellus,
transmission-curly top virus, Beta vulgaris, USA 3934.
Cirrhosis,
albumin/globulins levels, sera, hepatitis/hepatocellular carcinoma, comparative studies, man, Ghana 983.
antigen e/antibodies association, man 344.
associated-hepatitis, man, case reports 2599.
hepatitis B core antigen/hepatitis B surface antigen detection, correlation-liver cells dysplasia, man 3776.
hepatitis B surface antigen positive, family studies/immune response, man 3642.
liver, association-hepatitis B virus, diagnosis/treatment, children 3213.
liver, association-hepatitis B virus, hospitals personnel 3215.
liver, correlation-hepatitis B surface antigen association-liver tumours, man 2529.
liver, hepatitis B antigen deposition/levels, liver/serum, man 8020.
liver, hepatitis B surface antigen detection, liver, man, Hong Kong 5217.
liver, hepatitis B virus aetiology, relationship-alcohol 5946.
liver, immune status/pathogenesis, correlation-hepatitis B surface antigen/antibodies, children 1730.
liver, liver tumours, man, Taiwan, hepatitis B surface antigen incidence 6005.
liver, man, Italy, hepatitis B virus aetiology 1883.
liver, man, liver/lymph nodes, hepatitis B surface antigen detection/pathology 7332.
Cistrons,
coat protein, binding sites-Escherichia coli/Pseudomonas aeruginosa ribosomes, identification/nucleotide sequence, phage PP7 RNA 5521.
phage Qβ coat protein, RNA, nucleotide sequence analysis 1364.
Citrus,
citrus exocortis viroid transmission, equipment 5390.
citrus exocortis virus elimination, shoot-tip culture + grafting, methodology 4584.
citrus psorosis virus/citrus ringspot virus distribution/host range 7468.
citrus ringspot virus isolates, infection, symptoms 5372.
tissues, citrus tristeza virus detection, modified immunodiffusion test 4236.
Citrus aurantifolia,
cross-protection, induction, citrus tristeza virus strains 6121.
Citrus exocortis viroid,
circular RNA, phosphodiesters cleavage 6247.
cross-protection-chrysanthemum chlorotic mottle viroid/chrysanthemum stunt virus/potato spindle tuber viroid, Chrysanthemum/Lycopersicon esulentum 2039.
elimination, shoot-tip culture + grafting, methodology, Citrus 4584.
infected Gynura aurantiaca, proteins characterization/purification 1407.
infection, Gynura aurantiaca, relationship-growth compounds content 3341.
RNA, accumulation, Agrobacterium tumefaciens + citrus exocortis viroid infected Lycopersicon esculentum 7467.
RNA, conformation, melting analysis 6923.
RNA detection, Lycopersicon esculentum tumour cells, citrus exocortis viroid + Agrobacterium tumefaciens infection 1281.
transmission, equipment, Citrus 5390.
Citrus psorosis virus,
distribution/host range, Citrus 7468.
Citrus ringspot virus,
distribution/host range, Citrus 7468.
isolates, infection, symptoms, Citrus 5372.
Citrus sinensis,
citrus tristeza virus detection, enzyme-linked immunosorbent assay 7875.
Citrus tristeza virus,
detection, enzyme-linked immunosorbent assay 5623.
detection, enzyme-linked immunosorbent assay, Citrus sinensis 7875.
detection, modified immunodiffusion test, Citrus tissues 4236.
enzyme-linked immunosorbent assay, micromethods 7876.
enzyme-linked immunosorbent assay, repeated use-antibodies-enzymes conjugates 7877.
strains, induction-cross-protection, Citrus aurantifolia 6121.
Classification,
adenovirus (human), use-polypeptides molecular weight 6142.
comovirus, serotyping 7499.
Ebola virus/Marburg disease virus 3369.
Clematis paniculata,
diseases, Clematis paniculata aetiology/symptomatology 2750.
Clethrionomys gapperi,
Lymantria dispar nuclear polyhedrosis virus aerial applications effects on 3329.
Clethrionomys glareolus,
Czechoslovakia, Tettnang virus isolation 7428.
Clinical microbiology,
conference 6829.
Cloning,
herpes simplex virus 1 DNA, phage λ vectors 4878.
phage λ cro gene, Escherichia coli 4165.
Clostridium anaerobium,
induction-interferon, mice 7925.
Clostridium botulinum,
phages infection, mediation-toxins biosynthesis 7040.
phages/lysogeny, review 2235.
Clostridium tetani,
antibodies levels, correlation-measles virus/mumps virus/poliovirus/rubella virus antibodies, man 5724.
antitoxins, detection, children, viruses meningitis 1077.
combined vaccines Bordetella pertussis + Corynebacterium diphtheriae, concomitant-measles virus vaccines, efficacy, man 1675.
combined vaccines-Bordetella pertussis/Corynebacterium diphtheriae/poliovirus, mice 4295.
Clover yellow mosaic virus,
inclusions, identification, immunofluorescence, Vigna sinensis leaves 557.
infection, cytoplasm inclusions morphology, temperature effects on, Trifolium hybridum 6129.
infection, Trifolium, cell membranes/chloroplasts membranes alterations, associated-AMP (cyclic) induced starch dissociation 7474.

dCMP hydroxymethyltransferase,
role-phage T4 DNA biosynthesis, absence 1463.
Coagulation,
system, Machupo virus experimental infection, Macaca mulatta 4559.
Coastal waters,
enterovirus incidence 3786.
enterovirus survival 3223.
Coat protein,
phage f1, effects on Escherichia coli phosphatidylserine synthetase 3445.
Cobalt,
activated acylase, characterization, man, hepatitis 7323.
Cobalt-60,
dyes, inactivation-pseudorabies virus, effects on antigenic characteristics 5482.
Coccinella californica,
predation, effects on Bean Yellow Mosaic Virus transmission-Acyrthosiphon pisum, Vicia faba 6134.
predation, effects on bean yellow mosaic virus transmission-Acyrthosiphon pisum, Vicia faba 6134.
Cockayne's syndrome,
leucocytes, Epstein-Barr virus transformation 1010.
Cocksfoot mosaic virus,
stability/stabilization 5489.
Cocoa swollen shoot virus,
characterization/isolation/symptomatology, Theobroma cacao 2041.
infection, control/epidemiology, Theobroma cacao 2055.
infection, Theobroma cacao, effects on germination/growth, environmental effects 2040.
resistance, Theobroma cacao 2029.
resistance, Theobroma cacao, mechanisms 2030.
resistance/tolerance, Theobroma cacao 2031.
Theobroma cacao, plant protection 2061.
Cocos nucifera,
cadang-cadang aetiology, role-viruses 6808.
Colchicine,
effects on Semliki Forest virus morphogenesis, BHK-21 cells 157.
Coliforms,
pollution indicator organisms, viruses, sewage effluents 5225.
Collagen,
absence-substrate adhesion site, SV40 transformed BALB/c 3T3 cells 303.
mRNA biosynthesis, Rous sarcoma virus transformed embryo fibroblasts, chickens 1017.
synthesis, Rous sarcoma virus transformed embryo fibroblasts, chickens, phorbol myristate acetate effects on 8089.
anti-Collagenase,
treatment-herpes simplex virus keratitis, man 1170.
Colon,
pathology, cats, feline panleucopenia 5305.
Colony formation,
semisolid agar, SV40 transformed pharynx cells, man 1756.
Colony-forming cells,
interferon effects on 1626.
mice, Rauscher leukaemia virus infection effects on 5832.
Colostrum,
cattle, bovine rhinotracheitis virus/parainfluenza virus 3 immunoglobulins levels 5658.
cattle, use-transmissible gastroenteritis virus immunization (passive), pigs 5661.
deprivation, effects on symptoms, rotavirus experimental infection, cattle, juveniles 6769.
infectivity, bovine leukaemia virus infected cattle 5810.
lymphocytes, stimulation, cytomegalovirus, man 7979.
man, rotavirus antibodies detection, immunoelectrophoresis (counter) 5604.
transfer-orf virus antibodies, sheep 5659.
transmissible gastroenteritis virus immunoglobulins isolation, fluorescent antibody test 2951.
use-rotavirus immunization (passive), sheep 5660.
vaccinated sheep, rotavirus antibodies levels 246.
Columba livia,
cells, oncornavirus (avian) host range 588.
Coma,
incidence/treatment, hepatitis A/hepatitis B, man 7370.
Commelinaceae,
susceptibility, tobacco mosaic virus/tomato mosaic virus infection 5365.
susceptibility, tobacco rattle virus infection 5366.
Common bean mosaic virus,
characterization/transmission/symptomatology, Crotalaria juncea 675.
Common cold,
role-coronavirus (human)/rhinovirus (human), man 3183.
Comovirus,
replication/structure, review 2834.
Complement,
activation, alternative pathway, relationship-Epstein-Barr virus transformation-lymphocytes B lymphoma cell lines, man 3117.
activation, induction, murine leukaemia virus, man/guinea-pigs 3084.
activation, role-Argentine haemorrhagic fever pathogenesis 968.
activation/depletion, effects on Gross leukaemia virus induced lymphoma, rats 5735.
activation mechanisms, measles virus antibodies cytotoxicity 2444.
activity, relationship-prognosis, dengue virus haemorrhagic fever, man 4317.
deficiency, effects on influenza virus infection immune response, mice 3091.
depletion, effects on Sindbis virus infection immune response, mice 3078.
effects on antibodies binding, SV40 transformed fibroblasts, hamsters 5781.
levels, feline leukaemia virus infection, cats 5043.
levels, hepatitis (chronic active), man 8014.
levels, infectious mononucleosis, man 3625.
levels, relationship-prognosis, measles, children 6655.
levels, serum, cystic fibrosis patients, viruses respiratory tract infection 947.
metabolism, hepatitis B surface antigen negative/positive liver diseases, man 6544.
requirements, herpes simplex virus neutralization 1599.
role-immune response/pathogenesis, infectious diseases, man 2430.
use-pseudorabies virus antibodies detection, neutralization, pigs 850.
Complement C1Q,
binding activity, relationship-Epstein-Barr virus antibodies, nasopharynx tumours patients 5720.
Complement fixation,
activity, dengue virus 1, protamine sulphate effects on 963.
antibodies-rotavirus, comparison-enzyme-linked immunosorbent assay 852.
antigens, physicochemical properties, Oriboca virus 6451.
bovine leukaemia virus antibodies detection 859.
comparison-gel precipitation/haemagglutination, herpesvirus (equine) 1 antibodies detection, horses 4982.

IRL©1979

Complement fixation,(continued)
comparison-haemagglutination inhibition/immunofluorescence, detection-dengue virus antibodies 4914.
comparison-immune adherence haemagglutination, viruses 847.
components, biological properties/separation/morphology, Japanese encephalitis virus 4940.
cytomegalovirus immunoglobulin M, role-rheumatoid factor 1567.
detection-adenovirus antibodies, man 4906.
detection-antibodies, Borna virus infection, rabbits 2275.
detection-coronavirus (human) OC43 antibodies 3244.
detection-coronavirus (human) OC43 antibodies, methodology 5677.
detection-cytomegalovirus antigens 2255.
detection-cytomegalovirus immunoglobulin G antibodies 7063.
detection-hepatitis B surface antigen 3531.
detection-maedi virus/visna virus antibodies, goats/sheep 4990.
detection-mumps virus antibodies 7079.
detection-rotavirus (human) antibodies, man 5605.
diagnosis-adenovirus (equine) infection, horses 7854.
diagnosis-bovine leucosis, cattle 2264.
diagnosis-influenza A, comparison-haemagglutination inhibition/haemolysis (radial) 3525.
diagnosis-maedi virus infection, sheep 1954.
diagnosis-Marburg disease virus infection, man 3521.
diagnosis-rotavirus (bovine) infection, cattle 3511.
foot-and-mouth disease virus antigens, concentration, polyethylene glycol 2256.
inhibition, detection-arbovirus antibodies 5607.
rinderpest virus antigens preparation/use 7867.
rotavirus antigens detection, faeces, cattle, juveniles 4987.
tests, foot-and-mouth disease virus antigens preparation/purification 7511.
varicella-zoster virus, comparison-enzyme immunoassay 2942.
Complementation,
herpes simplex virus 1 temperature-sensitive mutant 4877.
phenotypic, SV40 DNA biosynthesis defective temperature-sensitive mutant, antigen T addition, CV-1 cells 818.
red clover mottle virus strains 828.
Computed tomography,
herpes simplex virus encephalitis, correlation-clinical manifestations/pathology, man 3167.
herpes simplex virus encephalitis, man 3168.
multiple sclerosis lesions 1178.
multiple sclerosis lesions, corticosteroids effects on 1177.
relationship-clinical manifestations, herpes simplex virus encephalitis, case report 5890.
studies, ECHOvirus 25 encephalitis, man 7306.
Computers,
analysis-measles virus vaccines efficacy, children, Japan 3598.
Concanavalin A,
binding-membranes, herpes simplex virus transformed embryo fibroblasts, hamsters 1758.
conjugate-ferritin, binding-mammary tumour virus strains, tumour cells, mice 4381.
induced agglutination, 3T3 cells, inactivated herpes simplex virus effects on 5416.
mediated vaccinia virus induced cell agglutination, HEp-2 cells 3961.
receptors mobility, lymphocytes, feline leukaemia virus infection, cats 7999.
succinylated, effects on SV40 transformed cells, mice 1751.
Condyloma acuminatum,
anorectal, treatment 340.
association-genital tract infection, man 3138.
association-hysterectomy, gynaecology 8142.
incidence, relationship-prostitution, man, India 5237.
infants, transmission/case reports 1806.
man, papilloma virus (human) antibodies incidence 5026.
man, review 7256, 7344.
papovavirus antigens, comparison-larynx tumours, man 2283.
risks, pregnancy, man 8143.
transmission, role-homosexuality, man 1807.
treatment 339.
treatment, azathioprine + prednisone, kidney transplantation, man 1051.
treatment, cryosurgery 3139.
treatment, cryosurgery, man 2509, 3140.
treatment, uracil (5-fluoro), case reports 3706.
urethra distribution, man 338.
Condylomatosis,
cervix, papovavirus presence, man 1804.
Congenital defects,
man, association-infectious mononucleosis, case reports 3174.
Congenital infection,
association-adrenal gland hypoplasia/pituitary gland cytomegaly, infants, cytomegalovirus, case reports 375.
cytomegalovirus, association-liver calcification, infants 378.
cytomegalovirus, foetuses, ultrasonic scanning, man, case repots 1848.
cytomegalovirus, treatment, transfer factor 1171.
herpes simplex virus 2, man, case reports 4413.
incidence, man, Africa, cytomegalovirus 1138.
man, cytomegalovirus 377.
Congenital malformations,
man, association-viruses infection 1089.
man, viruses aetiology, case reports 351.
Congo virus,
antigenic relationship-Dugbe virus/Ganjam virus/Hazara virus/Nairobi sheep disease virus 2962.
isolation, Ixodidae, Ethiopia 515.
Conjugation,
Mycobacterium 840.
Conjunctiva,
bovine rhinotracheitis virus infection, central nervous system lesions, cattle 1245.
ultrastructure, molluscum contagiosum, eye, man 4424.
Conjunctivitis,
adenovirus (human) 3, laryngotracheobronchitis complications, infants 8189.
aetiology, herpes simplex virus, clinical manifestations/diagnosis, man, case reports 4410.
aetiology/diagnosis/management, man 5178.
bovine rhinotracheitis virus, diagnosis/symptoms, cattle 4528.
man, USA, Washington, adenovirus (human) 19 aetiology/symptomatology 366.
Conjunctivitis (acute haemorrhagic),
man, India, coxsackievirus A24/enterovirus (human) 70 aetiology 387.
Constantinea simplex,
extracts, antiviral activity 288.
Continuous culture,
phages infection/lysis, Brevibacterium 2927.
Contraceptives,
chemicals, antiviral activity, herpes simplex virus 1/herpes simplex virus 2 1735.
Convulsions,
complications-poliovirus vaccination, man 7935.

Copper,
binding thiosemicarbazone/8-hydroxyquinoline/isonicotinic acid hydrazide, inactivation/inhibition-Rous sarcoma virus 1741.
chelation chromatography (affinity), comparison-interferon derived from fibroblasts/leucocytes, man 7114.
complex-isonicotinic acid hydrazide, effects on Rous sarcoma virus RNA/DNA polymerase (RNA-dependent)/transformation 6551.
complex-N-methyl isatin β thiosemicarbazone, effects on Rous sarcoma virus DNA polymerase (RNA-dependent)/ribonuclease 770.
effects on susceptibility infectious haematopoietic necrosis virus, Salmo gairdneri 5344.
Cordycepin,
inhibition RNA efflux, SV40 transformed 3T3 cells 6575.
Cordycepin triphosphate,
inhibition-cowpea chlorotic mottle virus/tobacco mosaic virus RNA polymerase (RNA dependent) RNA biosynthesis 4147.
Cores,
Dane particles, association-hepatitis B e antigen antigenic determinants 4948.
hepatitis B virus, association hepatitis B e antigen 4949.
proteins, DNA binding properties, adenovirus (human) 2 6928.
structure, Rhizobium associated defective phages 7627.
Cornea,
electron microscopy (scanning), herpes simplex virus keratitis pathology, rabbits 4542.
epithelium, histochemistry/histopathology, herpes simplex virus keratitis, rabbits 4544.
grafts, transmission-Creutzfeldt Jakob disease, man 8340.
herpes simplex virus experimental infection, arginine/arginase levels, tears, rabbits 4543.
transplantation, transmission-rabies virus, man 6689.
ulcers, association-herpes zoster, case reports 3178.
ulcers, herpes simplex virus, treatment, guanine(9-[2-hydroxyethoxymethyl]), man 3839.
Cornea diseases,
man, role herpes simplex virus, review 1842.
Coronavirus,
aetiology, diarrhoea, incidence, domestic animals 6743.
aetiology, enteritis, children, review 8182.
aetiology, enteritis, dogs, review 8366.
association-cryptosporidia/Escherichia coli/rotavirus, role-diarrhoea, cattle 2690.
association-diarrhoea, pathogenesis, cattle 2693.
association-diarrhoea epidemics, pigs 3279.
association-gastroenteritis, children 1858.
characterization/isolation, diarrhoea, neonates, cattle 2692.
characterization/isolation-diarrhoea, pigs 1972.
detection, electron microscopy, faeces, cattle 7277.
detection, faeces, monkeys 8381.
diarrhoea, pathology/physiology, cattle 2694.
diarrhoea, prophylaxis/treatment, animals 2717.
diarrhoea, prophylaxis/treatment/vaccination, livestock 3878.
encephalomyelitis, histopathology, rats 7451.
experimental infection, abomasum lesions pathology, cattle, juveniles 5336.
experimental infection, pathogenesis, dose effects on, cattle, juveniles 4552.
gastroenteritis, clinial manifestations/differential diagnosis-parvovirus gastroenteritis/pathology, dogs, USA 4522.
gastroenteritis aetiology, dogs 6056.
gastrointestinal tract infection, diagnosis, man 1822.
infection, cattle, economic aspects 2689.
infection, epidemiology/transmission/pathology, man, review 4489.
isolation, diarrhoea, sheep, Australia 492.
isolation, faeces, dogs/man, Australia 518.
isolation, slurry/soil/water 1980.
isolation/identification, feline infectious peritonitis, cats 490.
physicochemical properties/taxonomy 3948.
replication, correlation-gastrointestinal tract pathology, cattle 3288.
ribonucleoproteins structure 2128.
RNA structure, comparison-avian infectious bronchitis virus/mouse hepatitis virus 3402.
structure/infection clinical manifestations/classification/antigenic relationship, review 2150.
Coronavirus (bovine),
detection, faeces, cattle, haemadsorption-haemagglutination assays 5612.
haemagglutination activity, faeces, infected cattle 2301.
RNA, physicochemical properties 2129.
scours, management, recommendations, cattle 4541.
Coronavirus (canine),
respiratory tract infection, dogs 6041.
Coronavirus (human),
infection, diagnosis, immunofluorescence, man 2266.
role-common cold, man 3183.
Coronavirus (human) OC43,
antibodies, detection, complement fixation/haemagglutination inhibition 3244.
antibodies, detection, complement fixation/haemagglutination inhibition/immunodiffusion-haemolysis, methodology 5677.
seroepidemiology, man, Italy 3244.
Coronavirus (human) 229E,
antibodies, detection, immune-adherence haemagglutination 2267.
electron microscopy/nucleocapsids structure/purification 4038.
replication, inhibition, actinomycin D 3646.
Coronavirus (murine),
biological activity in vitro/ribonucleoproteins/mRNA characterization 7008.
protein biosynthesis/proteins characterization, in vitro 7009.
RNA, physicochemical properties 635.
structural protein, characterization 2805.
Corriparta virus,
resistance, pH/ether/chloroform 43.
Corticosteroids,
effects on multiple sclerosis lesions, computerized tomography 1177.
induced lipogenesis, bone marrow cells, murine sarcoma virus infection effects on 7249.
treatment-hepatitis (chronic active)/hepatitis (chronic persistent) 6029.
treatment-hepatitis B, efficacy/recommendations/side effects, man 6720.
Corynebacterium diphtheriae,
antibodies levels, correlation-measles virus/mumps virus/poliovirus/rubella virus antibodies, man 5724.
combined vaccines-Bordetella pertussis + Clostridium tetani, concomitant-measles virus vaccines, efficacy, man 1675.
combined vaccines-Bordetella pertussis/Clostridium tetani/poliovirus, mice 4295.
phage β/phage γ replication, control, heteroimmunity 2242.
RNA, hybridization-phage β DNA 186.
suppressors strains, lysogeny, phage β 6396.
toxins, incorporation-Sendai virus virions, toxicity-L cells 6954.

IRL©1979

Corynebacterium diphtheriae,(continued)
oxins, susceptibility, trypsin effects on, normal/polyoma virus/Rous sarcoma virus transformed cells 8071.
Corynebacterium parvum,
effects on AKR leukaemia virus antibodies, methylcholanthrene induced fibrosarcoma, mice 5148.
nfection, mice, protection-herpes simplex virus infection 1241.
ymphocytes response in vitro, herpes simplex virus infection, man 3618.
Coturnix coturnix,
USA, South Carolina, eastern equine encephalitis outbreaks 1982.
Cowpea chlorotic mottle virus,
capsids, quaternary structure, computers analysis models 6955.
coat protein, RNA encapsulation, characterization 1522.
coat protein, tryptic peptides characterization 6245.
physicochemical properties/replication, resistant Vigna unguiculata 6122.
properties/replication/structure, review 2833.
proteins, fluorescence 6244.
eplication defective temperature-sensitive mutant, isolation/mapping 829.
RNA, translation, cell-free system, products analysis 7775.
RNA polymerase (RNA-dependent) RNA biosynthesis, inhibition, cordycepin triphosphate 4147.
ransmission, Cerotoma trifurcata/Diabrotica undecimpunctata howardii, Lespedeza cuneata 6135.
Cowpea mosaic virus,
lassification, serotyping 7499.
lectrophoretic mobility 656.
nfection, effects on yield, Glycine max 3343.
nfection, Vigna sinensis, crown gall induction-Agrobacterium tumefaciens inhibition 4576.
solation/transmission-Ceratoma trifurcata, Glycine max/Desmodium canescens, USA, Illinois 6136.
physical properties, electron microscopy 6262.
protein biosynthesis/processing, reticulocyte lysate 7776.
RNA, transcription, avian myeloblastosis virus DNA polymerase (RNA-dependent) 2908.
RNA associated proteins, characterization 4707.
RNA biosynthesis, inhibition, actinomycin D 4148.
RNA templates recognition, RNA polymerase (RNA-dependent) 3477.
RNA translation, initiation sites 6364.
usceptibility, Vigna unguiculata strains protoplasts, in vitro 6184.
ltrastructure studies, fixation, methodology 6159.
Cowpea stunt,
Vigna unguiculata, cucumber mosaic virus synergism-blackeye cowpea mosaic virus, aetiology 2042.
Cowpox,
linical manifestations/pathology, cats 4530.
Cowpox virus,
ytopathic effect, amnion/kidney cells, hamsters/man/monkeys/rabbits 6169.
DNA restriction endonuclease fragments, electrophoresis, differentiation-vaccinia virus/monkeypox virus/variola virus 627.
dentification, isoelectric focusing 663.
nfected cells, haemagglutinin isolation 7890.
nixed infection-Sendai virus, effects on cowpox virus antigens formation, cells 6873.
olypeptides, electrophoresis patterns, comparison-monkeypox virus/vaccinia virus/variola virus 5465.
olypeptides characterization/protein biosynthesis, in vitro, comparison-Shope fibroma virus/vaccinia virus 6332.
structural protein, comparison-Shope fibroma virus/vaccinia virus 1386.
Coxsackievirus,
aetiology, diabetes 386.
aetiology, vulvovaginitis, children 6623.
aggregates, detection, muscle, polymyositis, man 1103.
antiviral activity, plants extracts 4339.
associated neurological diseases, diagnosis/symptoms, man 3181.
association-myocarditis, man 3159.
cardiomyopathy, diagnosis, man 5195.
detection, immunoelectrophoresis (counter) 2943.
epidemiology/evolution, man, review 7349.
inactivation, chlorine 7199.
meningitis, hearing loss complications, case surveys 1075.
myocarditis, clinical manifestations/ECG studies, children 6639.
myocarditis, incidence/role-mortality, man 7304.
pericarditis, man, case reports 8222.
role-erythroblastaemia/thrombocytopenia, small-for-gestational age infants 5904.
seroepidemiology, man, Papua New Guinea 5252.
Coxsackievirus A,
concentration, water, use-polyethylene glycol 6857.
epidemiology, man, USA, Wisconsin 5245.
isolation, poliomyelitis, man, case reports 4425.
isolation, wastewater, plaque assay methodology 2760.
Coxsackievirus A4,
detection, water supplies 1894.
Coxsackievirus A5,
aetiology, herpangina, neonates, case reports 8223.
Coxsackievirus A9,
aetiology, hand-foot-and-mouth-disease, man 6640.
aetiology, orchitis, children, case reports 5919.
inactivation, ascorbic acid/sodium bisulphite 1734.
role-myocarditis, man 364.
Coxsackievirus A13,
association-rheumatism, man 5920.
Coxsackievirus A16,
biological properties/isolation, hand-foot-and-mouth disease epidemics, man, Japan 4727.
Coxsackievirus A18,
mixed infection-Streptococcus, pathology, mice 2726.
Coxsackievirus A24,
aetiology, conjunctivitis (acute haemorrhagic), man, India 387.
eye infection, treatment, interferon, man 2350.
replication, cell culture, interferon/temperature/cells effects on 680.
role-conjunctivitis outbreaks, man, Thailand 8224.
Coxsackievirus B,
aetiology, meningitis, children, Iran 5179.
aetiology, pericarditis, haemodialysis patients 6650.
antibodies, levels, heart diseases, man 3749.
concentration, water, use-polyethylene glycol 6857.
epidemiology, man, USA, Wisconsin 5245.
inactivation, sodium hypochlorite 2820.
infection, association-pancreatitis, man 1073, 1074.
infection, neonates, diagnosis confirmation 1825.
infection, susceptibility, association-chromosomes, J41 cells/J96 cells 3962.
isolation, wastewater, plaque assay methodology 2760.
perinatal infection, clinical aspects, man 3732.
role-diabetes mellitus, review 7320.
role-myocarditis, man 364.

Coxsackievirus B1,
antiviral activity, pyrimidines derivatives 996.
inactivation, potassium periodate 293.
infection, epidemiology, children, institutions 8278.
infection, KB cells, effects on membrane potential 2168.
myocarditis, ventricular aneurysm complications, mice 5332.
Coxsackievirus B2,
inactivation, potassium periodate 293.
Coxsackievirus B3,
experimental infection, pancreatitis pathogenesis, mice 1250.
hepatitis aetiology, children 5921.
inactivation, potassium periodate 293.
infection, immune response/pathogenesis, sodium aurothiomalate effects on, mice 6767.
infection, man, case reports 3750.
meningoencephalitis, children, case reports 5196.
myocarditis, immunity (cell-mediated), mice 961.
myocarditis, pathology, mice 4548.
neuraxitis, clinical manifestations/epidemiology, man, Italy 1104.
replication, pancreas cell culture, man 585.
strains, induction-myocarditis, mechanisms, mice 7445.
survival, environments effects on 6677.
temperature-sensitive mutant, induction-myocarditis, mice 6092.
Coxsackievirus B4,
aetiology, heart diseases, man 5887.
infection, associated insulitis/pancreas cells destruction, mice 3890.
infection, association-hepatitis, infants, case reports 2568.
isolation-diabetes, children, case reports 8225.
myocarditis, complications-Hodgkin's disease, man, case reports 1854.
myocarditis, pathology, mice 4548.
myocarditis, ventricular aneurysm complications, mice 5332.
seroepidemiology, man, Spain 6678.
spread, mice/kidney cell culture-monkeys, antibodies/sensitized spleen cells effects on 267.
strains, isolation, pancreas, diabetes patients 7305.
Coxsackievirus B5,
aetiology, hand-foot-and-mouth-disease, man 6640.
antiviral activity, disinfectants, comparison 3649.
antiviral activity, Malus pumilus beverages 5064.
infection, chimpanzees, case reports 1966.
infection, hypercholesterolaemia effects on, man 3751.
oral infection, epithelium cells migration, small intestine, mice 7446.
Coxsackievirus B6,
inactivation, potassium periodate 293.
seroepidemiology, man, Spain 6678.
Cranial nerves,
involvement, herpes zoster, case reports 5194.
Crassostrea virginica,
poliovirus/adenovirus/reovirus assays/detection 1896.
reovirus characterization/isolation 6849.
Creutzfeldt-Jakob disease,
association-eye atrophy, case reports 6034.
association-meningioma, case reports 8339.
clinical manifestations/epidemiology/pathology/transmission, man/laboratory animals 4514.
diagnosis/epidemiology, man, USSR 6032.
epidemiology, man 6724.
epidemiology/incidence, man, France 6723.
epidemiology/transmission/control, man, review 4515.
families, case reports 1944.
incidence, families, man 6030.
man, Argentina 8338.
sleep changes, electrophysiological recording, relationship-clinical manifestations, man 7392.
transmission, cornea grafts, man 8340.
transmission, risks, hospitals 6035.
transmission (vertical), failure, guinea-pigs 7439.
transmission/prevention/pathology, review 1943.
transmission risks, man/ferrets 6033.
Creutzfeldt-Jakob disease virus,
inactivation/transmission prevention, recommendations, man 3272.
nosocomial infection, man 4456.
resistance, radiation (γ) 3415.
Cricetus cricetus,
rabies virus, Vulpes Cricetus cricetus, susceptibility/transmission 5320.
rabies virus susceptibility/transmission 5320.
Cricket paralysis virus,
preparation/purification, removal-picornavirus, in vitro 3376.
Crimean-Congo haemorrhagic fever virus,
ecology/epidemiology/properties, man 3796.
virus-like particles, isolation, Rhipicephalus bursa, Greece 3795.
Critical-point drying,
electron microscopy (transmission), C-type virus morphogenesis, cell culture 1521.
Crocidura,
Cameroon, Mokola virus characterization/isolation/transmission 1986.
Crohn's disease,
aetiology, role-viruses, man 4401.
man, Norwalk agent/rotavirus antibodies incidence 7308.
mouth involvement, man, case reports 1835.
rotavirus antigens detection 1108.
treatment, interferon, man, clinical trials 7912.
Crotalaria juncea,
common bean mosaic virus/bean yellow mosaic virus characterization/transmission/symptomatology 675.
sunnhemp rosette virus characterization/classification 79.
Croup,
associated-parainfluenza virus 1, clinical manifestations, man 8244.
mortality/symptoms, children 3161.
viruses, treatment, aerosols inhalation chambers, man 1930.
viruses, treatment, epinephrine 2659.
viruses, treatment, phenylephrine, children, case reports 2660.
Crown gall,
induction-Agrobacterium tumefaciens, inhibition, cowpea mosaic virus infection, Vigna sinensis 4576.
Crustaceans,
Vibrio/Vibrio parahaemolyticus phages incidence 1886.
Cryopreservation,
methodology, potato virus Y/watermelon mosaic virus 6158.
Cryosurgery,
effects on Moloney sarcoma virus tumours growth/immune response, BALB/c mice 1794.
treatment-condyloma acuminatum 3139.
treatment-condyloma acuminatum, man 2509, 3140.
Cryotherapy,
herpes simplex virus keratitis, comparison-uridine (5'-iodo-2'-deoxy) treatment 3264.
treatment-warts, man 3144.
Cryptococcus,
infection, concurrent progressive multifocal leukoencephalopathy, central nervous system, man, case reports 4517.
Crystallography,
satellite tobacco necrosis virus iodination/preparation 7516.

IRL©1979

Ctenodactylus gundi,
Tunisia, West Nile virus/Uukuniemi virus/Bhanja virus seroepidemiology 1225.
CTP (2′-Deoxy-2′-Azido),
inhibition-phage G4/phage φX174 DNA biosynthesis 699.
CTP arabinoside,
effects on oncornavirus DNA polymerase (RNA-dependent) 762.
Cuba,
mosaic disease, viruses aetiology/symptomatology/transmission, Rhynchosia minima 3346.
Cucumber green mottle mosaic virus,
incidence, Cucurbitaceae, Iran 3354.
proteins, electrophoresis, comparison-tobacco mosaic virus 4708.
Cucumber mosaic virus,
aetiology-mosaic disease/transmission/properties, Lochnera rosea 1289.
antigens, immunoelectrophoresis 3549.
antigens characterization, immunoelectrophoresis 3535.
antiviral activity, triazine (dioxohexahydro), in vitro/in vivo 8038.
assays, immunoelectrophoresis, methodology 4929.
associated satellite RNA, nucleotide sequence 643.
characterization/isolation, Chelidonium majus/Impatiens parviflora, Czechoslovakia 7500.
characterization/isolation, Yucca flaccida 4581.
Cucumis sativus, geographical distribution 3355.
detection, enzyme-linked immunosorbent assay/immunodiffusion, Nicotiana 4930.
detection, Gladiolus, enzyme-linked immunosorbent assay 7086.
detection, infected cells, ribonuclease sensitivity 5359.
disease resistance, Cucumis sativus 3336.
epidemiology/incidence, Cucumis melo/Cucurbita maxima/Cucurbita pepo/weeds, USA, Massachusetts 2051.
host range/identification/isolation/transmission, Musa 6263.
incidence, Cucurbitaceae, Iran 3354.
induced RNA polymerase (RNA-dependent), purification 7777.
induction-lesions, role-ethylene, Cucumis sativus 6809.
infection, characterization/transmission, Solanum melongena, Iraq 7481.
infection, Cucumis sativus, actinomycin D/ethepon/cycloheximide/chloramphenicol effects on 1282.
infection, symptomatology/transmission-Aphis craccivora, Vigna radiata, USA, Missouri 1304.
infection, symptoms, Maranta leuconeura kerchoveana 6810.
infection, Vigna radiata, susceptibility, genetic analysis 8436.
isolation/characterization/transmission/symptomatology, Phaseolus vulgaris 561.
morphogenesis/structure, review 2835.
preparation/purification, absorption immunoelectrophoresis 4608.
resistance, Cucumis melo, plant breeding 2746.
resistant Lycopersicon, plant breeding 6802.
RNA, base composition determination, chromatography (high-pressure liquid) 6225.
RNA, sequence homology, comparison-alfalfa mosaic virus 4008.
RNA, 5′-terminus regions nucleotide sequence 6246.
RNA 5, effects on symptoms expression, plants 7605.
satellite RNA, stability in vitro/in vivo 4691.
satellite RNA characterization 6226.
strains, characterization/isolation, Daphne odora 4603.
strains, coat protein role-transmission, Aphis gossypii 7484.
synergism-blackeye cowpea mosaic virus, aetiology-cowpea stunt, Vigna unguiculata 2042.
synergism-Sphaerotheca fuliginea, infection, Cucurbitacae 6127.
Cucumber pale fruit viroid,
circular RNA, phosphodiesters cleavage 6247.
RNA, conformation, melting analysis 6923.
Cucumis anguria,
muskmelon necrotic spot virus strains isolation/characterization/classification 7502.
Cucumis melo,
cucumber mosaic virus resistance, plant breeding 2746.
mosaic disease viruses, host range/isolation/physicochemical properties 4045.
muskmelon necrotic spot virus strains isolation/characterization/classification 7502.
USA, Massachusetts, viruses epidemiology/incidence 2051.
Cucumis sativus,
cucumber mosaic virus, geographical distribution 3355.
cucumber mosaic virus disease resistance 3336.
cucumber mosaic virus infection, actinomycin D/ethepon/cycloheximide/chloramphenicol effects on 1282.
lesions, induction, cucumber mosaic virus, role-ethylene 6809.
Cucurbita,
Australia, Queensland, watermelon mosaic virus incidence/pathology 5389.
Cucurbita maxima,
USA, Massachusetts, viruses epidemiology/incidence 2051.
Cucurbita pepo,
Iraq, watermelon mosaic virus 2 infection/characterization/transmission 7481.
mulches, effcts on watermelon mosaic virus transmission, Myzus persicae 8461.
USA, Massachusetts, viruses epidemiology/incidence 2051.
watermelon mosaic virus 2 transmission, Anuraphis middletonii 562.
yield, watermelon mosaic virus infection effects on 1299.

Cucurbitaceae,
cucumber mosaic virus/watermelon mosaic virus infection, synergism-Sphaerotheca fuliginea 6127.
Iran, cucumber green mottle mosaic virus/cucumber mosaic virus/watermelon mosaic virus incidence 3354.
susceptibility, tobacco mosaic virus/tomato mosaic virus infection 5365.
susceptibility, tobacco rattle virus infection 5366.
Culex,
Taiwan, viruses Japanese encephalitis virus 2625.
Culex annulirostris,
Semliki Forest virus infection, superinfection interference 4566.
Culex molestus,
Tahyna virus replication/transmission 2052.
Culex nigripalpus,
vectors, USA, Florida, St. Louis encephalitis 432.
Culex pipiens,
salivary gland, Japanese encephalitis virus replication, electron microscopy 5503.
Culex portesi,
transmission-Venezuelan equine encephalitis virus, French Guiana 6069.
Culex tarsalis,
arbovirus infection, inhibition-peritrophic membrane 6791.
Canada, isolation-Cache Valley virus 8417.
populations, USA, California, correlation-St. Louis encephalitis virus/western equine encephalomyelitis virus epidemiology 8296.
western equine encephalitis virus passage, effects on antigenic

Culex tarsalis,(continued)
characteristics/plaques formation, Vero cells 4553.
Culex tritaeniorhynchus,
Japan, isolation Japanese encephalitis virus 8294.
Japan, Japanese encephalitis virus ecology 4485, 5314.
salivary gland, Japanese encephalitis virus replication, electron microscopy 5503.
Culex tritaeniorhynchus summorosus,
Japan, Japanese encephalitis virus ecology 514.
Japan, Japanese encephalitis virus infection incidence 1983.
Culicidae,
horses, California encephalitis virus incidence 5315.
Culicoides,
Australia, bluetongue virus isolation 3298.
Australia, bluetongue virus isolation/ecology 508.
transmission-bluetongue virus, Canada, British Columbia 2703.
Culicoides brevitarsis,
transmission Akabane virus, cattle, Australia 7429.
Culiseta annulata,
isolation-Tahyna virus, Czechoslovakia, Moravia 3303.
Culiseta inornata,
Canada, isolation Cache Valley virus 8417.
Culiseta melanura,
transmission eastern equine encephalitis, horses, USA, New York 4536.
transmission-eastern equine encephalitis virus 4535.
USA, Pennsylvania, western equine encephalitis virus ecology/isolation 8379.
western equine encephalitis virus passage, effects on antigenic characteristics/plaques formation, Vero cells 4553.
Culture collections,
conference 8466.
Curly top virus,
epidemiology/transmission, Circulifer tenellus, Beta vulgaris, USA 3934.
infection, Beta vulgaris, cytology, electron microscopy 8449.
infection, inclusions/nuclei ultrastructure, Amsinckia douglasiana 6815.
Cuticle,
formation, Bombyx mori larvae, nuclear polyhedrosis virus infection effects on 1276.

Cyanide,
effects on intracellular phage T1 radiation (u.v.) resistance, Escherichia coli 3975.
Cycloheximide,
effects on cucumber mosaic virus infection, Cucumis sativus 1282.
effects on influenza virus RNA transcription products accumulation, nuclei, MDCK cells 4145.
effects on western equine encephalitis virus RNA biosynthesis, embryo cells, chickens 2895.
inhibition-herpes simplex virus 1/herpes simplex virus 2 induction-chromosome damage, HEp-2 cells 2860.
Cycloleucine,
effects on vesicular stomatitis virus mRNA methylation/transcription/translation 4827.
Cyclooctylamine,
antiviral activity, influenza A virus infection, cell culture/trachea organ culture-ferrets 989.
Cyclopentanone,
derivatives, antiviral activity 4334.
Cyclophosphamide,
combination-oncolytic virus, treatment-mammary gland tumours, mice 1797.
effects on adenovirus (human) 12 induced tumours growth, mice 3666.
effects on avian sarcoma virus pathogenicity, chickens 5807.
effects on cell-mediated cytotoxicity, mice, SV40 induced tumours 7210.
effects on tumours development, avian myeloblastosis/Marek's disease, chickens 5796.
induced immunosuppression, effects on avian myeloblastosis virus induced leukaemia (acute myeloblastic), chickens 7220.
reactivation-herpes simplex virus 2 infection, mouth/trigeminal ganglion, mice 5330.
Cymbidium mosaic virus,
incidence, Epidendrum, Guatemala/USA, Florida 5384.
Cynara scolymus,
Argentina, tomato spotted wilt virus infection 5388.
Cynops pyrrhogaster,
spontaneous skin tumours, role-viruses 8070.
Cynosurus mottle virus,
characterization/epidemiology/host range/transmission, New Zealand 6818.
Cyprinus carpio,
herpesvirus detection, skin tumours 7216.
Rhabdovirus carpio isolation 3307.
spring viraemia of carp rhabdovirus isolation/characterization 1205.
spring viraemia of carp virus transmission, Argulus foliaceus 2711.
Cyprus,
bluetongue virus infection outbreaks, sheep 3297.
Newcastle disease control/epidemiology, chickens 7436.
Cysteamine,
effects on phage λ mutation, radiation (γ) 4861.
Cystic fibrosis,
patients, viruses respiratory tract infection, serum complement levels 947.
Cytidine (5-Aza),
effects on rRNA, SV40 infected BSC-1 cells 6318.
effects on SV40 DNA conformation/replication 5528.
Cytidine (cyclo),
treatment-herpes simplex virus keratitis, man 1170.
Cytidine (5-Methyl),
effects on avian sarcoma virus production, infected embryo cells, chickens 3486.
residues localization, Sindbis virus RNA biosynthesis, in vitro 760.
Cytidine (5-Methylamino-2′-Deoxy),
synthesis/antiviral activity 291.
Cytidine (5′-Methyldeoxy),
inhibition-polyoma virus DNA biosynthesis, embryo cells, mice 5526.
Cytidine (spongo),
antiviral agents, synthesis 3648.
Cytochalasin B,
presence, growth-dimethylsulphoxide treated Friend erythroleukaemia cells, haemoglobin synthesis induction 5824.
Cytochalasin D,
studies-Moloney leukaemia virus budding, role-microfilaments, cells 2219.
Cytochrome P-450,
activity, hepatocytes, mice, interferon effects on 897.
Cytokinins,
activity, Nicotiana glutinosa, tobacco ringspot virus infection
activity, Oryza sativa, rice tungro virus infection effects on 1294.

IRL©1979

Cytokinins,(continued)
effects on 6804.
ctivity, tobacco mosaic virus RNA 4010.
Cytolysis,
ell-mediated, role-lymphocytes T, adenovirus infection, cells, mice 1692.
ymphocytes mediated, spleen focus-forming virus antigen (tumour associated) detection, in vitro 334.

Cytomegalovirus,
etiology, spasms, infants 3171.
ntibodies, detection, correlation-viraemia, man 3072.
ntibodies, incidence/levels, central nervous system diseases, man 4407, 4408.
ntibodies/antigens, detection, complement fixation/anti-complement immunofluorescence/immunofluorescence 2255.
ntibodies detection, immunoelectrophoresis (counter), methodology 1565.
ntibodies incidence, hepatitis (non-A, non-B), man 7296.
ntibodies incidence, psychiatry patients 2542.
ntibodies incidence, relationship-vaccination, children 1888.
ntigenic relationship-strains 880.
ntiviral activity, hydroxytoluene (butylated) 1742.
ssays, immunofluorescence, cell culture 2940.
ssociated thrombocytopenic purpura, man, case reports 3170.
ssociation-Kaposi's sarcoma, man, Africa/USA 3149.
ttenuation/use-vaccines, mice 5014.
oncentration, cell culture fluids, methodology 2074.
ongenital infection, association-adrenal gland hypoplasia/pituitary gland cytomegaly, infants, case reports 375.
ongenital infection, association-diabetes, man 5903.
ongenital infection, association-liver calcification, infants 378.
ongenital infection, clinical manifestations, case reports 5901.
ongenital infection, clinical manifestations/prophylaxis/transmission, man 7295.
ongenital infection, foetuses, ultrasonic scanning, man, case repots 1848.
ongenital infection, incidence, man, Africa 1138.
ongenital infection, man 377.
ongenital infection, treatment, transfer factor 1171.
ongenital infection/vaccination, man, review 3220.
Constantinea simplex/Farlowia mollis extracts antiviral activity 288.
efective, DNA, molecular weight 6929.
efective, physicochemical properties 7634.
NA, physicochemical properties 625.
NA, size, comparison-man/mice 4672.
NA replication/persistence, lymphoblastoid cell lines 7722.
arly antigen, identification-DNA-binding protein 7721.
ncephalitis, treatment, AMP arabinoside, man, case reports 7384.
pidemiology, infants/pregnancy, man 3785.
xperimental infection, distribution-organs, mice 5331.
xperimental infection, treatment, phosphonoformate/phosphonoacetate, guinea-pigs/mice 2720.
epatitis, association-coagulation inhibition, case reports 3741.
epatitis, case reports 5902.
epatitis, children, neuroblastoma, case reports 8209.
nmunity (cell-mediated), mice, in vitro 4308.
nmunoglobulin G antibodies, detection, complement fixation/enzyme-linked immunosorbent assay 7063.
nmunoglobulin G/immunoglobulin M, enzyme-linked immunosorbent assay 2939.
immunoglobulin M, complement fixation/haemagglutination (indirect), role-rheumatoid factor 1567.
immunoglobulin M antibodies, detection, placenta, immunofluorescence, diagnosis-congenital infection, man 7064.
incidence, man 421.
induced cells membranes antigens/glycoproteins, kinetics/relationship-replication 6167.
induced chromatin DNA-binding protein, characterization, lung cells, man 7723.
induction chromatin associated factors, effects on chromatin structure/template activity, embryo cells, man 690.
induction-lymphocytes proliferation, relationship-antibodies levels, man 5716.
induction-RNA polymerase, diploid cells, man 135.
infected cells, cytoplasm inclusions characterization, submandibular gland, mice 1249.
infected/transformed cells, immune response (humoral), prostate tumours, man 1812.
infected WI-38 cells, chromatin structure 578.
infected WI-38 cells, localization-arginine rich proteins, phenanthrenequinone staining 7533.
infection, adenosine deaminase levels, kidney transplantation, man 8206.
infection, antibodies/immunoglobulins levels, relationship-smooth muscle antibodies, man 5718.
infection, antibody response/cytomegalovirus excretion, man, females 2559.
infection, associated immunosuppression, mechanism, mice 1702.
infection, associated-stomach ulcers, presentation stomach tumours, man, case reports 7297.
infection, association-acute ulcerative colitis, man, case reports 8208.
infection, association aglossia-adactylia syndrome, man, case reports 8207.
infection, association bacteraemia, kidney transplantation patients 3742.
infection, association-cervix tumours, man 1053.
infection, association-congenital malformations, man 1089.
infection, association-hearing loss, man, case reports 2560.
infection, association-leukaemia + lung proteinosis, case reports 6629.
infection, association-noncirrhotic portal fibrosis, children, case reports 5186.
infection, association-Pneumocystis carinii pneumonia, man, case reports 5900.
infection, association-retinitis, man, case reports 1090.
infection, association-tumours, man, review 8151.
infection, association-urinary tract symptoms, man, case reports 5905.
infection, association-uveitis, man, review 5180.
infection, bone marrow/kidney transplantation man 8212.
infection, central nervous system, man, case reports 8204.
infection, cold agglutinins, kidney transplantation, man 8211.
infection, concurrent malnutrition, associated immunosuppression, mice 952.
infection, diagnosis, electron microscopy, infants 3156.
infection, diagnosis, haemagglutination (indirect), man 6414.
infection, diagnosis, infants, man 8169.
infection, diagnosis, man 2535.
infection, diagnosis assays/immunity (humoral), man 1566.
infection, diagnosis/risks, transplantation patients 3740.
infection, during pregnancy, diagnosis, use-immunoglobulins detection, man 7276.
infection, early antigen, immunoglobulin G response, man 4306.

Cytomegalovirus,(continued)
infection, effects on immune response-tumours allografts, mice 3621.
infection, effects on lymphocytes B/lymphocytes T, mice 7978.
infection, effects on macrophages chemiluminescence, phagocytosis, mice 953.
infection, effects on morbidity/incidence, kidney transplantation, man 8205.
infection, epidemiology, man 5963.
infection, epidemiology/incidence, kidney transplantation, man 5965.
infection, epidemiology/transmission/pathology/immunoprophylaxis, man, review 4464.
infection, guinea-pigs, viraemia-acute infection/persistent infection 531.
infection, immune response (cell-mediated), kidney transplantation, man 954.
infection, immune response (cell-mediated), man 3622.
infection, immune response (cell-mediated), rabbits 4307.
infection, immunity (cell-mediated), bone marrow transplantation, man 3071.
infection, immunity (cell-mediated)/immunity (humoral), immunosuppression effects on, kidney transplantation, mice/man 7977.
infection, immunization (passive), mice 906.
infection, incidence, haemodialysis patients/personnel 5242.
infection, incidence, rodents, Australia, Queensland 1219.
infection, incidence/immune response, kidney transplantation, man 8272.
infection, incidence/relationship-immunosuppression/prognosis, kidney transplantation patients 5241.
infection, kidney transplantation, man 5892, 8198.
infection, kidney transplantation, man, case reports 1088.
infection, kidney transplantation, prevention, man 1925.
infection, laboratory animals, monkeys, transmission risks, man 8367.
infection, lung, diagnosis, use-gallium-67 uptake, man 6610.
infection, lung, exudation, mechanisms, mice 2725.
infection, man, review 3172.
infection, mice, in vitro/in vivo, role-macrophages 260.
infection, neonates, case reports 1091.
infection, optic nerve, lymphoma patients, case reports 6630.
infection, polyneuritis complications, neonates, man, case reports 1086.
infection, pregnancy, man 8274.
infection, reactivation, mice 7980.
infection, risks, haemodialysis patients 5964.
infection, seroepidemiology, man 8275.
infection, significance, kidney transplantation, man 8210.
infection, susceptibility, lymphoblastoid cell lines, man 5420.
infection, susceptibility, preimplantation embryos, mice 1999.
infection, thymus involvement, infants, case reports 376.
infection, treatment, interferon, man 2352.
infection, viruses mRNA translation, embryo cells, mice, salt concentration effects on 749.
infection risks, transfusions (multiple), man, case reports 1087.
infection/transmission (sexual)/effects on fertilization in vitro, mice 2000.
infections, maternal, during pregnancy, role-infants mortality, man 6615.
intrauterine infection, diagnosis/incidence/treatment, man, review 3731.
isolation, salivary gland, Sanguinus fuscicollis/physicochemical properties/replication in vitro 5402.
latency/activation, man/mice, review 5906.
latent infection, activation, cell culture/immunosuppression, mice 6090.
latent infection, reactivation-immunosuppression, mice 8400.
latent infection/replication, in vitro/in vivo, models, review 5499.
latent infection/replication, review 5497.
mixed infection-Epstein-Barr virus, association-mononucleosis, man 5907.
mixed infection-Pneumocystis carinii/Toxoplasma gondii, association-immunosuppression, man 5899.
mononucleosis, associated lymphocytosis, man, case reports 3743.
mononucleosis, association-liver necrosis, case reports 1085.
mononucleosis, effects on leucocytes (polymorphonuclear) function, man 5717.
nonproductive infection, gene expression, 3T3 cells 1482.
ornithine decarboxylase activity stimulation, mechanisms, embryo cells, man 3442.
perinatal infection, clinical aspects, man 3732.
perinatal infection, effects on morbidity, children 5187.
persistent infection, lymphoblastoid cell lines, man 4616.
persistent infection, lymphoblasts, man 6168.
pneumonitis, treatment, hyperimmune plasma, man, case reports 6024.
properties/infection epidemiology/pathogenesis, man, review 2146.
protein biosynthesis, embryo fibroblasts, mice 3462.
radiation (u.v.) treated, embryo fibroblasts transformation, hamsters 6571.
radiation (u.v.) treated, stimulation-DNA biosynthesis, embryo fibroblasts, mice/man 2166.
replication, amnion cells, man 1335.
replication, lung embryo cells, man, inhibition-actinomycin D 3461.
replication, lung macrophages, man, in vitro 7528.
replication, methylglyoxal-bis(guanylhydrazone)/DL-α-methylornithine effects on 4726.
replication, nuclei, release-cytoplasm 7786.
replication, spermatozoa, mice 7444.
replication, thymidine kinase requirements, in vitro 6331.
replication, ultrastructure, embryo cells, guinea-pigs 2159.
replication/immunogenicity, radiation (γ) effects on 82.
respiratory tract infection, pigs 1196.
retinitis, association-immunosuppression, man 3073.
retinitis, association-retina aneurysm, case reports 4418.
review 7294.
rhinitis (inclusion body), clinical manifestations/epidemiology, pigs, USA, Iowa 4527.
role-erythroblastaemia/thrombocytopenia, small-for-gestational age infants 5904.
role-fever, man 5188.
role-helper viruses, adeno-associated virus 4 replication, in vitro 4049.
role-liver diseases, man 5908.
role-myocarditis, man 364.
seroepidemiology, Indians, Brazil 8277.
specific immunoglobulin M, detection, enzyme immunoassay/immunofluorescence, man 6413.
stimulation-colostrum lymphocytes, man 7979.
subunits structure 73.
temperature-sensitive mutant, induction-DNA polymerase/DNA biosynthesis, in vitro 4746.
transformed cells, man, ornithine decarboxylase regulation, putrescine/serum/spermidine 8062.
transmission, blood transfusion, man 7345.
transmission (transplacental)/transmission (horizontal), guinea-pigs 532.

IRL©1979

Cytomegalovirus,(continued)
transmission (vertical), mice 5313.
transmission risks, kidney transplantation, man 5966.
vaccination, man, review 5664.
vaccines, antibody response/safety, man 5663.
vaccines development 2999.
vaccines efficacy, man, mice, animal models 2373.
Cytomegalovirus (murine),
mixed infection-murine leukaemia virus, pseudotypes production, in vitro 7034.

Cytopathic effects,
amnion/kidney cells, hamsters/man/monkeys/rabbits, buffalo pox virus/cowpox virus/vaccinia virus, comparison 6169.
herpes simplex virus/vaccinia virus/vesicular stomatitis virus, role-lysosomal enzymes 5417.
Cytopathogenicity,
IB-RS2 cells, hog cholera virus 1339.
sheep pox virus growth-cell culture 584.
Cytoplasmic inclusion virus,
isolation/characterization, Dacus tryoni 1269.
Cytoplasmic polyhedrosis virus,
antigenic characteristics/RNA properties, comparison-Bombyx mori/Dendrolimus spectabilis/Lymantria dispar 4002.
characterization/host range, Tylenchorhynchus martini 2024.
infected epithelium cells, Hyphantria cunea, electron microscopy (scanning) 2161.
infection, Bombyx mori, heat treatment 1274.
infection, Bombyx mori, pathology 3906.
infection, effects on oxygen uptake, Heliothis virescens 2739.
infection, pathology/recovery, Hyphantria cunea 8423.
Philosamia cynthia ricini/Lymantria fumida/Dendrolimus spectabilis, polyhedra ultrastructure, mid-gut epithelium, Bombyx mori 1270.
replication/structure, review 2826.
RNA characterization 4003.
stability, chemicals effects on 672.
Cytosine,
deaminated DNA, repair, uracil-DNA glycosidase, phage PBS1/phage SPO2 1530.
Cytosine (5-Hydroxymethyl),
products, endonuclease V sensitive, radiation (u.v.), phage T4 DNA 2781.
Cytosine arabinoside,
effects on polyoma virus DNA replication 6315.
5-substituted derivatives, antiviral activity 5068.
treatment-herpes simplex virus encephalitis, animal models, rabbits 3263.
treatment-herpes simplex virus infection, treatment, guinea-pigs 3885.
treatment-herpes simplex virus infection, man 4511.
treatment-herpes zoster/varicella, man 1173.
Cytoskeleton,
HeLa cells, association-poliovirus replication 4728.
Cytosol,
effects on transcription, SV40 infected cells, monkeys 6979.
Cytostasis,
peritoneal exudate cells mediated, viruses infected fibroblasts, mice 4301.
Cytotoxicity,
antibodies, complement dependent, Marek's disease virus induced tumour cell lines, chickens 7987.
antibodies dependent, maternal/neonates lymphocytes/macrophages/monocytes, man, herpes simplex virus 5714.
antibodies dependent cells mediated, macrophages derived from colostrum, herpes simplex virus infected cells 7170.
antibody-dependent complement-mediated, prostaglandins effects on, herpes simplex virus infected cells, man 7169.
antibody-mediated complement-dependent, sheep, bovine leukaemia virus infection 7230.
cell-mediated, antibody-dependent, canine distemper virus infected cells, effectors characterization, dogs 6535.
cell-mediated, antibody-dependent, cervix tumours, man, herpes simplex virus infected cells 3147.
cell-mediated, antibody-dependent, detection-C-type virus antigens expression, normal/malignant lymphocytes, mice 3130.
cell-mediated, antibody-dependent, hepatitis B surface antigen coated target cells, hepatitis B virus infection/hepatitis (chronic active) 5057.
cell-mediated, antibody-dependent, serum blocking factors, hepatitis B/hepatitis (chronic active), man 1728.
cell-mediated, natural, antibody-independent, relationship-Fc receptors presence lymphocytes, mumps virus infected cells 1678.
cell-mediated, natural, stimulation-interferon, mice 6479.
cell-mediated, SV40 transformed cells, mice, lymphocytes T-lymphocytes T cooperation 6508.
cell-mediated, viruses infected cells, interferon induction/natural killer cells activation, man 2450.
cell-mediated, viruses infected cells, lymphocytes characterization, man 2427.
cell-mediated, viruses infected cells, review 7163.
cell-mediated antibody-dependent, enhancement, role-interferon, mice/rats 7915.
hepatitis B surface antigen secreting liver cells, hepatitis B surface antigen antibodies 3641.
herpes simplex virus infected cells derived from herpes labialis patients 258.
horses, equine infectious anaemia virus infection 7997.
infected target cells, role-cell fusion activity, radiation (u.v.) inactivated Sendai virus 981.
lymphocytes, autologous Epstein-Barr virus transformed lymphoblastoid cell lines, induction-allogeneic sensitization, man 261.
lymphocytes, man, interferon effects on 4256.
lymphocytes, man, vaccinia virus revaccination 960.
lymphocytes, relationship-autoantibodies/immunoglobulins levels/prognosis, hepatitis (chronic active), man 283.
lymphocytes, relationship-histocompatibility antigen HLA, measles virus infected target cells, man 4324.
lymphocytes, stimulation, interferon, man 2987.
lymphocytes, transmissible gastroenteritis virus infected target cells, pigs 6531.
lymphocytes T, allogeneic target cells, induction-Sendai virus-infected syngeneic cells, mice 2446.
lymphocytes T, histocompatibility antigen H-2 restriction, target antigens identification, vesicular stomatitis virus infected cells, mice 2438.
lymphocytes T, induction mechanism, mice, ectromelia virus/vaccinia virus infecti°w 1704.
lymphocytes T, influenza A virus infected cells, membranes antigens, mice 8009.
lymphocytes T, influenza virus infected cells, histocompatibility antigen HLA effects on, man 3631.
lymphocytes T, influenza virus infected cells, role-histocompatibility gene HLA, man 7184.
lymphocytes T, interferon effects on 2979.
lymphocytes T, murine sarcoma virus induced tumours, in vitro, mice 8001.
lymphocytes T, Sendai virus infected cells, mice, histocompatibility antigen H-2 effects on 3637.

Cytotoxicity,(continued)
lymphocytes T, specificity-allogeneic/TNP modified/viruses infected cells, mice 7162.
lymphocytes T, viruses infection, review 7164.
macrophages, polyoma virus/SV40 transformed cell lines, mice/rats 298.
Marek's disease virus infected kidney cells, chickens, lymphocytes, herpesvirus (turkey) vaccinated chickens 5721.
measles virus antibodies, complement activation mechanisms 2444.
prevention, chloroquine, CV-1 cells, SV40 2084.
role-interferon biosynthesis regulation, Ehrlich ascites tumour cells 4971.
Czechoslovakia,
beet mosaic virus/beet yellowing virus/beet yellows virus infection control/incidence/pathology, Beta vulgaris 6816.
encephalomyocarditis virus isolation, Phasianus colchicus 1221.
hepatitis B incidence/screening/transmission prevention, man 4505.
hepatitis B surface antigen detection/incidence, immunoelectrophoresis (counter), man 7084.
influenza A virus isolation, Anas platyrhynchos 1234.
Kemerovo virus/Lipovnik virus association-neurological diseases/seroepidemiology, man 5254.
poliovirus seroepidemiology, man 1142.
rotavirus aetiology-diarrhoea, children 5201.
Tettnang virus isolation, Ixodes ricinus 5259.
Tettnang virus isolation, mosquitoes/rodents/ticks 7428.
tick-borne encephalitis virus/Uukuniemi virus isolation, Ixodes ricinus 6684.
Czechoslovakia, Moravia,
Tahyna virus isolation, Culiseta annulata 3303.
Czechoslovakia, Slovakia,
Calovo virus/Tahyna virus isolation, Anopheles maculipennis/Aedes vexans 3242.

D'Aguilar virus,
resistance, pH/ether/chloroform 43.
D-type virus,
antigens, detection, breast tumours, man 7264.
associated antigens, detection, cell lines 3704.
derived from J-96 cells, Rauscher leukaemia virus/C-type virus antigenic determinants detection, radioimmunoassay 2963.
DNA polymerase (RNA-dependent) activity, EDTA treatment effects on 775.
DNA sequence, detection, monkeys 2501.
gag gene mutants, replication defective, proteins processing 3498.
proteins, electrophoresis/isoelectric focusing 2799.
D-type virus (simian),
incidence-primates/role-cancer, man, review 1803.
Dacus tryoni,
cytoplasmic inclusion virus isolation/characterization 1269.
Dahlia mosaic virus,
control, Dahlia pinnata, meristem tip culture 2058.
Dahlia pinnata,
meristem tip culture, dahlia mosaic virus control 2058.
Dane particles,
albumin receptors, association-hepatitis B e antigen/detection 6259.
antibodies, characterization, hepatitis B virus infection, man 1726.
associated DNA polymerase, assays, diagnosis-hepatitis B, man 6614.
associated DNA polymerase, inhibition, trisodium phosphonoformate 4836.
associated-hepatitis B core antigen, hepatitis B surface antigen positive hepatitis (chronic) 4331.
cores, association-hepatitis B e antigen antigenic determinants 4948.
detection/relationship blood infectivity, hepatitis B surface antigen positive haemodialysis patients 5997.
DNA polymerase containing, association-hepatitis B e antigen 6457.
electron microscopy 6260.
hepatitis B e antigen detection 5632.
hepatitis B surface antigen containing, immunoelectron microscopy, man 4724.
isolation, ultracentrifugation, hepatitis B surface antigen positive blood, man 3953.
morphology, antiviral agents effects on 8024.
occurrence, relationship-hepatitis B e antigen/antibodies, hepatitis B, man 4330.
Daphne cneorum,
daphne virus X identification/isolation/physicochemical properties/symptomatology/transmission 1323.
Daphne odora,
cucumber mosaic virus strains, characterization/isolation 4603.
daphne virus S identification/isolation/physicochemical properties/symptomatology/transmission 1322.
Daphne virus S,
identification/isolation/physicochemical properties/symptomatology/transmission, Daphne odora 1322.
Daphne virus X,
identification/isolation/physicochemical properties/symptomatology/transmission, Daphne cneorum 1323.
Daphnia magna,
lysates-phage AM-1 infected Microcystis aeruginosa, lysates 8432.
Darna trima,
viruses, antibodies detection, man, British Isles/Malaysia 6697.
Dasyprocta punctata,
endogenous C-type virus characterization/isolation 5840.
Datura mosaic virus,
host range/physical properties/purification/transmission 3424.
Datura stramonium,
peroxidase isolation/purification, potato virus X infected 3922.
potato virus X infection, ultrastructure 8450.
Daunomycin,
effects on adenovirus RNA stability 619.
effects on avian myeloblastosis virus RNA biosynthesis/DNA biosynthesis, transformed cells 1494.
DDT,
control-tick-borne encephalitis virus transmission, Ixodes persulcatus 7376.
Deacetylase,
activity, phage Vi III 4013.
Defective-interfering particles,
biological properties/effects on viruses infection, review 4029.
characterization, Semliki forest virus, cells, Aedes albopictus 4803.
characterization/interference, Bunyamwera virus 681.
derived from influenza virus temperature-sensitive mutant, homologous interference 1431.

IRL©1979

Defective-interfering particles,(continued)
genomes, amplification, Sendai virus 4685.
genomes, comparison-herpes simplex virus 1/herpes simplex virus 2 4670.
herpesvirus (equine) 1, characterization 4035.

nfectious pancreatic necrosis virus, persistent infection, embryo cells, salmon, dependence-interferon, absence 6172.

nfectious pancreatic necrosis virus, production, correlation-plaques properties, embryo cells, salmon 1336.
nfluenza virus, characterization/production, MDBK cells 5433.
nfluenza virus, RNA, characterization 1378.
ymphocytic choriomeningitis virus, persistent infection, establishment/recovery, mechanisms, MDCK cells 7544.
mutants, temperature-sensitive mutant, induction-interferon 5650.
Newcastle disease virus, isolation/characterization 5484.
phage f1, DNA, nucleotide sequence analysis 4636.
poliovirus, RNA, deletion, mapping 4674.
production/characterization, mammalian cells/embryo fibroblasts, chickens, Semliki Forest virus 759.

pseudorabies virus, DNA, structure during evolution 7586.

replication, effects on vesicular stomatitis virus RNA/nucleocapsids biosynthesis, hamsters kidney cells 3472.
RNA, nucleotide sequence mapping, influenza virus 7600.
RNA biosynthesis/RNA nucleotide sequence, vesicular stomatitis virus 780.
role-rubella virus persistent infection, cell lines 6875.
role-Sendai virus persistent infection, in vitro 4627.
Sendai virus, genomes structure 1380.
Sindbis virus, production, kinetics, Aedes albopictus/chickens cell lines 7539.
Sindbis virus, RNA, oligonucleotides mapping 3997.
vesicular stomatitis virus, biosynthesis, inhibition, Shope fibroma virus, in vitro 4052.
vesicular stomatitis virus, RNA polymerase products, RNA, nucleotide sequence 636.
viruses, comparison-double-stranded RNA, Saccharomyces cerevisiae 17.
Deilephila euphordiae,
Galleria mellonella nuclear polyhedrosis virus replication 7463.
Delta herpesvirus,
cross-reactivity-varicella-zoster virus antigens, Erythrocebus patas 2290.
Demyelination,
associated-avirulent Semliki Forest virus infection, mice 5337.
diseases, viruses induced, mechanisms/autoimmune mechanisms, review 2670.
induction, avirulent Semliki Forest virus, mice, radiation (γ) effects on 5338.
induction, herpes zoster oticus, clinical manifestations, case reports 7300.
murine encephalomyelitis virus induction-subacute encephalomyelitis, rats 2727.
Dendrolimus spectabilis,
cytoplasmic polyhedrosis virus, polyhedra ultrastructure, mid-gut epithelium, Bombyx mori 1270.
cytoplasmic polyhedrosis virus antigenic characteristics/RNA properties, comparison-Bombyx mori/Lymantria dispar 4002.
Dengue virus,
antibodies, detection, immunofluorescence, comparison-complement fixation/haemagglutination inhibition 4914.
antigens, detection, immunoelectrophoresis (counter) 6420.
control/epidemiology, man, Malaysia 4482.
ecology/epidemiology/transmission, Malaysia, review 4484.
epidemiology/transmission, Indonesia, review 4483.
experimental infection, viraemia/antibody response, chimpanzees 538.
haemagglutination, neuraminidase/trypsin effects on 4248.
haemorrhagic fever, associated shock, pathology/treatment, man 3190.
haemorrhagic fever, cholinesterase levels, serum, man 4429.
haemorrhagic fever, clinical manifestations/diagnosis/management, man 3189.
haemorrhagic fever, clinical manifestations/management, man 3191.
haemorrhagic fever, clinical manifestations, man, USA, Puerto Rico 4428.
haemorrhagic fever, control/epidemiology, man, Malaysia 3232.
haemorrhagic fever, control/epidemiology, man, Indonesia 8292.
haemorrhagic fever, control/surveillance, man 3239.
haemorrhagic fever, diagnosis/risks, travellers 1824.
haemorrhagic fever, epidemics/pathology/transmission-Aedes, man, review 3195.
haemorrhagic fever, epidemiology, man, Burma 3235.
haemorrhagic fever, epidemiology, man, India 3237.
haemorrhagic fever, epidemiology, man, Indonesia, review 3240.
haemorrhagic fever, epidemiology, man, Singapore 3236.
haemorrhagic fever, epidemiology, man, Thailand 3234.
haemorrhagic fever, epidemiology, relationship-Aedes aegypti/Aedes albopictus ecology, Thailand 7351.
haemorrhagic fever, epidemiology, role-Aedes, man, Philippines 3233.
haemorrhagic fever, immune complexes detection/role-pathogenesis, man 7175.
haemorrhagic fever, man, dianosis, review 3720.
haemorrhagic fever, mice, prophylaxis, use-interferon/interferon induction 5652.
haemorrhagic fever, pathogenesis, role-immune complexes 1709.
haemorrhagic fever, pathology, man 3192.
haemorrhagic fever, pleural fluid composition, man 8231.
haemorrhagic fever, prevention, Aedes aegypti control 3238.
haemorrhagic fever, prognosis, relationship-complement activity, man 4317.
haemorrhagic fever/infection, clinical manifestations, man 3188.
haemorrhagic fever/infection, dengue virus isolation-leucocytes/platelets, man 3194.
haemorrhagic fever/infection, immunopathology/pathology, man 3193.
infection, clinical manifestations/complications, man, Jamaica 3186.
infection, immunity (cell-mediated), determination, mice 3079.
isolation, cell lines derived from Aedes pseudoscutellaris 3382.
myocarditis, diagnosis/incidence, man 3187.
neutralization tests, methodology 6419.
proteins, characterization/isolation, infected Aedes albopictus cell lines 6338.
release, BHK-21 cells, calcium dependence 6369.
role-haemorrhagic fever aetiology/pathogenesis 3196.
stimulation-lymphocytes, in vitro, induction-migration inhibition factor production 5039.
strains, epidemiology/relationship-haemorrhagic fever

Dengue virus,(continued)
severity, man, SPC 4479.
transmission, Aedes, control 4480.
transmission, Aedes aegypti, control, Thailand 4481.
transmission, relationship-Aedes aegypti populations seasonal variations 8291.
vaccines, development 4988.
Dengue virus 1,
haemagglutinin/complement fixation activity, protamine sulphate effects on 963.
physical properties, Aedes pseudocutellaris cell lines 3419.
Dengue virus 2,
immune complexes-antibodies, infection, Aedes aegypti cells, effects on viruses yield/use-viruses assays 5606.
infection, immunosuppression, lymphocytes T, mice 6522.
infection, susceptibility, Aedes aegypti, relationship-haemorrhagic fever outbreaks, man, Indonesia 8293.
infection outbreaks, clinical manifestations/epidemiology, man, Tonga 429.
replication, leucocytes, maternal antibodies effects on, neonates, man 6523.
RNA, structure, methylation status 7591.
seroepidemiology, man, France 4477.
Dengue virus 4,
attenuation/growth, Cercopithecus/dogs kidney cells 4618.
Denmark,
bovine rhinotracheitis virus infection epidemiology/control/eradication, artificial insemination, cattle 498.
bovine rhinotracheitis virus infection epidemiology/persistence, artificial insemination, cattle 1217.
Density gradients,
poliovirus buoyancy, caesium effects on 4036.
Densonucleosis virus,
biological properties/characterization/classification/replication, review 2827.
DNA, molecular weight determination 4004.
infection, resistance, Bombyx mori 3325.
infection/replication, Bombyx mori, immunofluorescence studies 1271.
infectivity/pathogenicity, Aedes aegypti 2021.
maturation, electron microscopy, Aedes aegypti 6370.
Dentistry,
hepatitis B transmission prevention/risks, review 5280.
personnel, hepatitis B surface antigen/antibodies/hepatitis incidence 3252.
risks-hepatitis B virus transmission, man 4501.
α-Deoxy-5-Fluorouridylic acid,
analogues, inhibition-phage T2 TMP synthetase 5769.
Deoxynucleotide kinase,
genes, transcription strand identification, phage T2 DNA 106.
Deoxyribonuclease,
lysosomes, activity, liver, mice, Friend leukaemia virus leukaemia 5145.
purification/characterization, herpes simplex virus 1/herpes simplex virus 2 induced, KB cells 131.
role-chromosome aberrations, viruses infected cells 1444.
substrate specificity, phage T4 3452.
Dermacentor reticulatus,
Czechoslovakia, Tettnang virus isolation 7428.
Dermatitis,
atopic, association-herpes simplex virus infection, man 8197.
Dermatomyositis,
virus aetiology 361.
Derzsy's disease,
geese, vaccination, use-parvovirus (goose), attenuation 240.
Desmodium canescens,
USA, Illinois, cowpea mosaic virus isolation/transmission-Ceratoma trifurcata 6136.
Detergents,
identification, wastewater sludge, modification-enterovirus/poliovirus/reovirus temperature stability 5282.
Dexamethasone,
activation-A-type particles, cell lines, mice 1781.
effects on ecotropic/xenotropic murine leukaemia virus replication 7751.
effects on mammary tumour virus expression, tumour cell lines, BALB/c cells 8130.
effects on tumours development, avian myeloblastosis/Marek's disease, chickens 5796.
injection, bovine rhinotracheitis virus excretion, cattle 1996.

effects on herpes simplex virus 1 replication, HEp-2 cells 133.
DEAE-Dextran,
combination-Friend leukaemia virus, induction-regression-established tumours, rats 4371.
effects on mouse hepatitis virus plaques formation, cell line, mice 5431.

effects on reovirus penetration/replication, HeLa cells 85.

effects on SV40 uptake, nonpermissive cells/permissive cells 2164.

induction-interferon, L-929 cells 6465.
Dextran sulphate,
effects on herpes simplex virus infection, mice 2721.
Dhori virus,
isolation, Hyalomma marginatum, Portugal 3947.
Diabetes,
association-cytomegalovirus congenital infection, man 5903.
association-hepatitis A, man, case reports 5215.
coxsackievirus aetiology 386.
coxsackievirus B4 isolation, children, case reports 8225.
encephalomyocarditis virus, resistance, genetic analysis, mice 534.
encephalomyocarditis virus induced, islet cells quantitation, immunofluorescence, mice 3891.
encephalomyocarditis virus induced, pathogenesis, role-immune response, mice 8402.
man, hepatitis B incidence/prophylaxis 1916.
patients, coxsackievirus B4 strains isolation, pancreas 7305.
patients/personnel, hospitals, risks-hepatitis B virus transmission 6003.
Diabetes mellitus,
association-rubella virus infection, children 2581.
guinea-pigs, virus-like particles detection, urine 1956.
role-viruses, man, review 4402.
role-viruses, man/animals, review 7320.
viruses aetiology 356.
Diabrotica undecimpunctata howardii,
transmission-cowpea chlorotic mottle virus, Lespedeza cuneata 6135.
Diacrisia virginica,
granulosis virus, infected Hyphantria cunea, susceptibility-homologous baculovirus 4570.
Diagnosis,
viruses infection, animals 3278.
viruses infection, man 1063.
viruses infection, methodology, man 2531.
viruses infection, serological techniques 1563.
viruses infection, serological tests 3154.
Dialysis,
patients, hepatitis B virus infection prognosis, use-hepatitis B e antigen 1129.

IRL©1979

4'-6-Diamidino-2-Phenylindole,
inhibition-Friend leukaemia virus RNA polymerase 566.
Diamine oxidase,
activity, avian sarcoma virus B77 transformed kidney cells, rats 3677.
Diamines,
lipoidal, induction-interferon in vivo, man 2353.
1,5-Diamino anthraquinones,
antiviral activity/induction-interferon 5767.
Diaminopimelic acid,
requirements, phage λ, lysogeny, Escherichia coli, induction, radiation (u.v.) 1554.
Dianthus,
USA, New York, carnation latent virus identification 6148.
Dianthus caryophyllus,
Finland, carnation mottle virus incidence 3931.
planting, effects on viruses resistance 563.
Diarrhoea,
aetiology, Escherichia coli/rotavirus, cattle juveniles, Belgium 6054.
aetiology, role-viruses, man 8181.
aetiology, rotavirus, children, Czechoslovakia 5201.
association-coronavirus, pathogenesis, cattle 2693.
association-rotavirus, cattle juveniles, Japan 1970.
association-rotavirus, children, Philippines 1864.
association-rotavirus, goats 2687.
association-rotavirus, horses juveniles 1968.
association-rotavirus, turkeys 2688.
cattle, detection-coronavirus/rotavirus, electron microscopy, faeces 7277.
cattle, herpesvirus (bovine) characterization/isolation, faeces 6046.
cattle, role-coronavirus/cryptosporidia/Escherichia coli/rotavirus association 2690.
cattle, viruses characterization/isolation 1957.
children, Egypt, Arab Rep., enterovirus aetiology 1856.
chronic, horses, possible viruses aetiology 1197.
coronavirus, pathology/physiology, cattle 2694.
coronavirus/rotavirus, prophylaxis/treatment, animals 2717.
coronavirus/rotavirus aetiology, incidence, domestic animals 6743.
epidemics, association-coronavirus, pigs 3279.
horses, Australia, rotavirus characterization/isolation 1202.
horses, rotavirus + Salmonella typhimurium concurrent infection 3286.
horses, USA, rotavirus (equine) aetiology 1201.
man, Kenya, reovirus aetiology 391.
man, Norwalk agent transmission 3229.
mice, mouse hepatitis virus aetiology 491.
military personnel, Korea, Rep., reo-like virus aetiology/incidence 394.
neonates, cattle, coronavirus characterization/isolation 2692.
outbreaks, chickens, role-rotavirus 5307.
parvovirus association/diagnosis, cattle 3281.
pigs, coronavirus characterization/isolation 1972.
role-rotavirus, cattle, juveniles 6744.
rotavirus, clinical manifestations/prevention/treatment, cattle, juveniles 7407.
rotavirus, incidence, cattle, juveniles, Germany, Fed. Rep. 6067.
rotavirus, prophylaxis/treatment, man 2665.
rotavirus, prophylaxis/vaccines, man 2577.
rotavirus aetiology, cats, neonates 7408.
rotavirus aetiology, children, USA, Texas, Houston/Mexico 4474.
rotavirus aetiology, incidence, children, Guatemala 8228.
sheep, Australia, coronavirus isolation 492.
treatment, sucrose electrolytes solutions, children, rotavirus 454.
viruses, aetiology/treatment, man, review 5882.
viruses, diagnosis, electron microscopy, faeces, man 2534.
viruses, man/animals, proceedings 2757.
viruses, pathogenesis/diagnosis/control, cattle 476.
viruses, prophylaxis/treatment/vaccination, livestock 3878.
viruses aetiology/pathogenesis/symptomatology, children, review 357.
weaning, pigs, role-rotavirus 1969.
Diarrhoea (neonatal calf),
viruses induction, pathogenesis, cattle neonates 1238.
Diarrhoea (traveller's),
military personnel, Korea, Rep., role-enterovirus/rotavirus 6645.
Dibenz(a,h)anthracene,
diol epoxide, interaction-phage φX174 DNA 6896.
Dibromamine,
inactivation-poliovirus, water 2657.
Dibucaine,
effects on Semliki Forest virus morphogenesis, BHK-21 cells 157.
Dichlorodiammine platinum II,
binding-phage λ DNA, thiourea effects on 7562.
2,4-Dichlorophenoxyacetic acid,
effects on phage λ/phage M12 replication, Escherichia coli 4056.
5,6-dichloro-1-β-D-ribofuranosylbenzimidazole,
interferon superinduction, fibroblasts, man, role-mRNA stability 1616.

effects on adenovirus (human) 2 RNA biosynthesis 4783.

effects on adenovirus (human) 2 RNA chains termination sites, infected HeLa cells 7705.
Didelphis marsupialis,
Lymantria dispar nuclear polyhedrosis virus aerial applications effects on 3329.
Diethyl ether,
application, methodology, herpes simplex virus lesions 1933.
Diethyl nitrosamine,
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Differentiation,
Friend erythroleukaemia cells, relationship-cell cycle 325.
Digitaria ciliaris,
host range, Digitaria striate virus 6150.
Digitaria decumbens,
host range, Digitaria striate virus 6150.
Digitaria striate virus,
classification/host range/morphology/transmission 6150.
N,N-Dihexadecyl-m-Xylylenediamine,
induction-interferon, effects on rhinovirus infection, man 5655.
Dihydrofolate dehydrogenase,
mRNA, abundance, control, polyoma virus, methotrexate resistant 3T6 cells 4775.
Dihydrofolate reductase,
biosynthesis/localization-virions/metabolism, phage T4 7679.
β-Diketones,
aryl bis derivatives, antiviral activity, in vitro/in vivo, herpes simplex virus 2454.
Dimethylamine,
antiviral activity, poliovirus 290.
Dimethyl-10,12-Benz(a)acridine,
effects on mengovirus/Rous sarcoma virus RNA biosynthesis, fibroblasts, chickens/mice 7734.

7,12-Dimethylbenz(a)anthracene,
induced mammary gland tumours, rats, replication-defective endogenous oncornavirus expression 5154.
induction-mammary gland tumours, rats, xenotrophic C-type virus (murine) infection effects on 1029.
Dimethylsulphoxide,
+ uridine (bromodeoxy), effects on Friend leukaemia virus mRNA expression, Friend erythroleukaemia cells 7003.
effects on Friend erythroleukaemia cells differentiation, review 5142.
effects on Friend erythroleukaemia cells differentiation 5825.
effects on hyaluronidase sensitive surface charge during, Friend erythroleukaemia cells differentiation 8106.
resistant Friend erythroleukaemia cells clones, characterization/isolation 5140.
treated Friend erythroleukaemia cells, growth presence cytochalasin B, haemoglobin synthesis induction 5824.
uncoating-tobacco mosaic virus 6283.
2,4-Dinitrochlorobenzene,
treatment-warts 2510.
Dinucleotides,
initiation phage T4 DNA transcription, in vitro 721.
Dioctadecyl-bis(2-hydroxyethyl)propanediamine,
induction-interferon, mice 2991.
Dioscorea,
viruses infection, Nigeria 6130.
Dioscorea alata,
storage, internal brown spot disease incidence 2748.
Dioscorea floribunda,
dioscorea latent virus/dioscorea greenbanding virus identification symptomatology/ultrastructure 1290.
Dioscorea greenbanding virus,
identification/symptomatology/ultrastructure, Dioscorea floribunda 1290.
Dioscorea latent virus,
identification symptomatology/ultrastructure, Dioscorea floribunda 1290.
Dioscorea rotundata,
diseases, inclusions/virus-like particles detection 6811.
Dioxydine,
inactivation-extracellular phage T4, failure 5759.
o-Diphenol O-Methyltransferase,
characterization, tobacco mosaic virus infection hypersensitivity, Nicotiana tabacum 3347.
Diseases,
viruses, book 7492.
viruses, man, review 353.
Disinfectants,
antiviral activity 991.
antiviral activity, rabies virus 3650.
efficacy disinfection, poultry dust, Marek's disease virus 3101.
Jodonal, antiviral activity 1739.
susceptibility, San Miguel sea lion virus/vesicular exanthema of swine virus 5071.
transmissible gastroenteritis virus inactivation/stability 2151.
Disinfection,
viruses, chlorine 7199.
Disodium phosphonoacetate,
treatment-herpes simplex virus 1 encephalitis, administration routes effects on, rats 6086.
Disulfiram,
inhibition-Rous sarcoma virus transformation/DNA polymerase (RNA dependent)/DNA biosynthesis 314.
Diterpenes,
Epstein Barr virus induction, relationship tumours induction/promotion activity, lymphoblastoid cell lines 3712.
2,2-Dithienyl,
derivatives, antiviral activity 4334.
DNA,
accumulation, nuclei, in vitro, herpes simplex virus replication 129.
adenovirus (human) 2, accumulation-nucleosomes like particles, HeLa cells 6324.
adenovirus (human) 2, complex-Escherichia coli RNA polymerase, poly (I) effects on 6986.
adenovirus (human) 2, content, SV40-adeno hybrid virus transformed cell lines, hamsters 7711.
adenovirus (human) 2, expression, Acetabularia cells 4110.
adenovirus (human) 4, analysis, tumours, man 5160.
adenovirus (human) 5, association proteins, infected HeLa cells 4113.
adenovirus (human) 5, transformed cell lines, rats, establishment/properties 5096.
alkylation, phage T7 29.
alkylation, specific fragmentation, oligo (T) 5′-terminus regions, phage λ 6188.
analysis, autointerference, adeno-associated virus 3958.
analysis, herpes simplex virus 1, arginine deprived cells 2189.
analysis, phage P1 virions 6192.
antibodies detection, multiple sclerosis/subacute sclerosing panencephalitis 1945.
arrangement, injection defective phage λ 600.
arrangement/replication, herpes simplex virus infected cells 4116.
attachment sites, nucleotide sequence, phage Mu 7665.
auromomycin induced strands breaks, phage T7/SV40 7578.
base composition, analysis mass spectroscopy, phage λ 2106.
base composition, Mycobacterium lacticolum, association-lysogeny 835.
base composition, poxvirus 6235.
binding, int gene product, phage λ 5459.
binding properties, Epstein-Barr virus nuclear antigen, fixed nuclei, chromatography studies 2288.
binding-proteins, mapping, electron microscopy, adenovirus (human) 2/phage T7/SV40 613.
binding sites, DNA-unwinding protein, phage T4 110.
bound proteins, mapping, electron microscopy, herpes simplex virus 1 7611.
C-type virus (baboon), integration-Bevi gene, cells, man 2211.
C-type virus, Vandeleuria oleracea, homology-mice/rats C-type virus 5130.
carnivores, occurrence-Macaca arctoides C-type virus related sequence 5157.
cauliflower mosaic virus, cloning, Escherichia coli 2790.
cells, rats, Moloney leukaemia virus genomes integration sites 4817.
characterization, adenovirus (human) 5 temperature-sensitive mutant infected KB cells 7712.
characterization, Autographa californica nuclear polyhedrosis virus 7603.
characterization, comparison-Adoxophytes orana/Barathra brassicae nuclear polyhedrosis virus 4005.
characterization, Heliothis nuclear polyhedrosis virus 1381.
characterization, Heliothis zea nuclear polyhedrosis virus 4007.
characterization, herpes simplex virus 5453.
characterization, herpes simplex virus 1 isolated-ganglia, man 6910.
characterization, Herpesvirus papio, lymphoblastoid cell lines, baboons 7720.
characterization, Ina-flacherie virus 638.
characterization, Mastomys natalensis papilloma virus 1418.
characterization, Mycoplasmavirus MVL2 2108, 2109.

IRL©1979

DNA,(continued)
characterization, papilloma virus (bovine) 7582.
characterization, papilloma virus (human) 4657.
characterization, papovavirus (hamster) 7583.
characterization, phage λ carrying tra gene 4164.
characterization, phage CP1 2816.
characterization, phage DLP 10716/phage LP52 6189.
characterization, Rous sarcoma virus deletion mutant 7822.
characterization, SV40-adeno-hybrid virus 3988.
characterization, Tipula paludosa baculovirus 7602.
characterization/isolation, Apanteles melanoscelus baculovirus 5354.
cII gene-cro gene regions, nucleotide sequence, phage 434 3972.
circular, binding-sibiromycin, effects on density, phage PM-2 4644.
circular, size, Epstein-Barr virus, lymphoblastoid cell lines derived from infectious mononucleosis, man 3396.
cleavage, effects on transforming/tumorigenesis activity, adenovirus (simian) 7 8057.
cleavage, Escherichia coli restriction endonuclease, SV40 617.
cleavage, KB cells endodeoxyribonuclease, adenovirus (human) 2 39.
cleavage, nuclease S1, phage PM2 25.
cleavage, restriction endonuclease, mapping, SV40 35.
cleavage, Streptomyces stanford restriction endonuclease, phage λ 1356.
cleavage, Vigna mungo endonuclease, phage T7/phage gh-1/phage PM2 31.
cleavage-nuclease, herpes simplex virus infected cells 6268.
cloned fragments, characterization/isolation, phage P1 4647.
cloning, phage λ x plasmid PBR322/plasmid pKC 165.
cloning/restriction endonuclease mapping, hepatitis B virus 6222.
closed circular, characterization, Rous sarcoma virus 3398.
closed circular, phage PM-2, interaction-hedamycin 6897.
closed circular, SV40, separation, methodology 6154.
closed circular/linear, restriction endonuclease cleavage mapping, murine leukaemia virus 3999.
closed/nicked, helix-coil transitions, phage PM2 2780.
coding-antigen t, nucleotide sequence, BK virus 3978.
coding-BK virus antigen T N-terminus, nucleotide sequence 3979.
coding RNA fractions, mapping, Epstein-Barr virus 2122.
comparison-K virus/polyoma virus 196.
complementary, avian sarcoma virus genomes 5′-terminus, DNA polymerase (RNA-dependent) elongation, Triton X-100 effects on 6999.
complementary, biosynthesis/characterization, in vitro, potato spindle tuber viroid 787.
complementary, nucleotide sequence homology, in vitro, potato spindle tuber viroid 786.
complementary, phage MS2, plasmid pBR322 containing, characterization/construction 7663.
complementary, phage MS2, plasmid pBR322 containing, insertion sequence 1 identification 7664.
complementary, sequence, transcription, Moloney sarcoma virus transformed cell lines, mice 2209.
complementary-cadang-cadang disease virus associated RNA, biosynthesis/characterization 7016.
complementary probes, synthesis/characterization, chrysanthemum stunt viroid 785.
complex-capsids, staining, methodology, phage T7 7577.
complex-proteins, adenovirus (human) 2 infected KB cells 3458.
complex-proteins, assays, adenovirus (human) 2 621.
condensation, phage T7, cations effects on 6904.
conformation, effects on free radicals induction-proflavine, phage φX174 6895.
conformation, phage T7, radiation (u.v.) effects on 4654.
conformation/replication, SV40, cytidine (5-aza) effects on 5528.
conformations, DNA-binding protein/DNA-unwinding protein effects on, phage T4/phage T7, review 7686.
containing modified nucleotides, phage T7, transcription, phage T7 specific RNA polymerase 115.
containing Moloney leukaemia virus infectivity, mapping 5535.
containing RNA 4S operons, isolation/characterization, phage λ 20.
copies, Moloney leukaemia virus infection, cells, mice, effects on 2206.
cotranscripts-hosts, KB cells, adenovirus (human) 5 742.
cross-linking-bleomycin, phage PM2 7568.
cytosine containing, restriction endonuclease mapping, DNA 6899.
cytosine containing, restriction endonuclease mapping, phage T4 6901.
cytosine deaminated, repair, uracil-DNA glycosidase, phage PBS1/phage SPO2 1530.
cytosine substituted, phage T4, Escherichia coli restriction-modification susceptibility 7572.
cytosine substituted, restriction endonuclease analysis, phage T4 6194.
cytosine substituted, use-restriction endonuclease assays, phage T4 7571.
damage, induction, bleomycin, mechanisms, phage PM2 3974.
damage, involvement, endogenous murine leukaemia virus induction, AKR cells, hydroxyurea 5820.
damage, KB cells, frog virus 3 + labelled thymidine effects on 7656.
defective, characterization, herpes simplex virus 1, serial passage 3992.
defective, origin, herpes simplex virus 1 4668.
defective, rescue-herpes simplex virus 1 temperature-sensitive mutant, cells 823.
degradation, restriction endonuclease EcoRI, Bacillus licheniformis/Bacillus thuringiensis phage 18.
deoxynucleotide kinase genes, transcription strand identification, phage T2 106.
derived from hepatitis B patients liver, transfection-BSC cells, antigens characterization 1597.
detection, herpes simplex virus acute infection/chronic infection, trigeminal ganglion, mice 745.
detection, use-hybridization, replicating Epstein-Barr virus 136, 751.
detection-integration sites, fibroblasts, Moloney leukaemia virus infected mice 6347.
detection-5′-terminus proteins, adenovirus (human) 2 7706.
double-stranded, packaging, heads, phages, review 2217.
double-stranded, SV40, interaction-calf thymus/wheat germ RNA polymerase II, comparison 7699.
double-stranded breakage, adrenalone aromatic reductones, phage λ 21.
double-stranded breakage/cross-linking-proteins, phage T7, induction, radiation (ionizing) 4872.
double-stranded intermediates, analysis, oncornavirus (avian) 2199.
double-stranded/single-stranded breaks, effects on melting temperature, phage T2 6233.
duplication/recombination, antibiotics effects on, phage 2C 7689.
E-strand, transcription during infection, polyoma virus 2180.

DNA,(continued)
effects on phage T4 DNA-binding protein structure 112.
electron microscopy, defective herpes simplex virus 1 40, 623.
electron microscopy, phage C_D 6890.
electron microscopy, phage Mu x chloramphenicol antibiotic resistance transposons + insertion sequences 810.
electron microscopy, phage T4 particles 6195.
electron microscopy, use-phosphotungstic acid, phage λ/phage T4 1355.
encapsidation, in vitro, phage P22 7020.
encapsulation, phospholipids vesicles, phage T7 6267.
endogenous, mammary tumour virus, comparison-feral/normal mice 4820.
endonuclease sites mutants, proteins characterization, polyoma virus 6199.
enzymatic breakage, ter reaction, phage λ 96.
Epstein-Barr virus, integration-Burkitt lymphoma cells 7724.
Epstein-Barr virus, transformed cells, nucleosomes structure 3668.
Escherichia coli restriction endonuclease cleavage, phage fd replicative form 6293.
Escherichia coli RNA polymerase binding sites, localization, phage S13/phage φX174 105.
expression, herpes simplex virus transformed cells, review 130.
extrachromosomal low molecular weight, purification, SV40 infected cells 733.
fate, phage φe transfection, Bacillus subtilis 2246.
formation, genes control, phage T4 4766.
fragmentation, restriction endonuclease, adenovirus (human) 1 1369.
fragments, adenovirus (human) 12, transformation-rats cells 6568.
fragments, analysis, SV40 chromosomes 3989.
fragments, early, mapping, SV40 2119.
fragments, hepatitis B virus, cloning-plasmid pBR322, expression Escherichia coli 6391.
fragments, Moloney sarcoma virus, induction-transformation, fibroblasts, mice 3700.
fragments, nucleotide sequence, phage 434 615.
fragments, phage Mu, plasmids containing, characterization/construction 4168.
function/structure, adenovirus, review 1368.
gene II proteins cleavage sites, localization, phage fd 4635.
gene mapping, phage 186 6905.
genomes structure analysis, reassociation kinetics, herpes simplex virus 1 3993.
glucosylyl, fragmentation, phage T2/phage T4 27.
hepatitis B virus, detection-liver tumours, man 1062.
hepatitis B virus, genomes, Escherichia coli cloning 4192.
herpes simplex virus, isolation-infected cells, methodology 4606.
herpes simplex virus 1, calf thymus/Escherichia coli RNA polymerase transcripts, sequence analysis/size 4791.
herpes simplex virus 1, cloning, phage λ vectors 4878.
herpes simplex virus 1, transfection, lymphoblastoid cell lines, man 4792.
herpes simplex virus 1, transformation, cell lines, hamsters 5098.
herpes simplex virus 1, transformation, embryo fibroblasts, hamsters 1759.
herpes simplex virus 1, transformed cells, hamsters, enhancement, herpes simplex virus 1 DNA efficiency of plating 5794.
herpes simplex virus 2, transformation, embryo cells, hamsters 5099.
herpesvirus, activation-endogenous C-type virus, BALB/c cells 1025.
Herpesvirus ateles/Herpesvirus saimiri, induction-tumours, Saguinus 1009.
hexon gene C-terminus, nucleotide sequence, adenovirus (human) 2 3395.
histones occurrence, histone H1, infected CV-1 cells 1384.
homology, adenovirus (human) serotypes 4664.
homology, BK virus/JC virus/SV40 7580.
homology, herpesvirus (turkey)/Marek's disease virus 4671.
homology, relationship-transformation regions, adenovirus 3991.
homology-virus-like particles double-stranded RNA, Saccharomyces cerevisiae 1353.
hosts, tick-borne encephalitis virus genomes integration, chronic infection 2095.
hosts cells, binding-Rauscher leukaemia virus proteins, specificity 7756.
hosts cells, degradation, herpes simplex virus infection/replication 1445.
immunity regions, cloning/genetic analysis, phage Mu 7802.
inactivation-benzo(a)pyrene diol epoxide binding, phage φX174 6548.
induction, mitomycin C, SV40 transformed cells, mice 304.
infected embryo cells, chickens, avian leukosis virus/avian sarcoma virus/Rous sarcoma virus genomes integration sites 6341.
infectious, isolation, AKR cells, endogenous AKR leukaemia virus 774.
infectivity, proviruses, Rous sarcoma virus transformed BHK-21 cells 4135.
initiation sites/transcription mapping, phage λ 7659.
insertion sequences, characterization, phage f1 x plasmid pSC101 hybrids 6187.
insertion sites, characterization, phage Mu 3389.
integrated, Marek's disease virus, tumour cell lines, chickens 7725.
integration, adenovirus (human) 02 transformed KB cells 127.
integration, avian sarcoma virus infected cells, review 146.
integration, micehuman somatic cells hybrids, SV40 2185.
integration, SV40 infection, cells, monkeys 737.
integration, transformed fibroblasts, chickens/ducks/quails, avian sarcoma virus 2201.
integration-hosts genomes, parvovirus 4772.
interaction-benzo(a)pyrene/chrysene/dibenz(a,h)anthracene diol epoxide, phage φX174 6896.
interaction-DNA unwinding protein, kinetics, phage T4 715.
interaction-Escherichia coli recA gene proteins, phage fd/phage φX174 5448.
interaction-polyamines, phage T7 30.
interaction-repressors, phage Mu 5561.
intermediates, Aspergillus oryzae nuclease cleavage sites, avian sarcoma-leucosis virus 1499.
interruption-deficient mutant, characterization/isolation, phage T5 4177.
interruption-deficient mutant, characterization, phage T5 4178.
intramolecular recombination, models, herpesvirus 4875.
kanamycin resistance determinants mapping, phage P1 7805.
Klebsiella pneumoniae restriction endonuclease recognition sequence, adenovirus (human) 2/SV40 620.
late, transcription, regulation, models, SV40 7704.
late strands, transcription, RNA polymerase, SV40 4103.
length heterogeneity, cloning effects on, vaccinia virus 1371.
leukaemia cells, man, homology-Moloney leukaemia virus RNA 8115.
levels, brain, chickens Marek's disease effects on 5306.
lithium salt/magnesium salt, structure, X-ray diffraction,

IRL©1979

DNA,(continued)
phage T2 609.
localization-capsid protein mRNA initiation/termination sites, phage M13 99.
loss, Kirsten sarcoma virus transformed cells, man, association-reversion 7250.
low molecular weight, detection, scrapie, hamsters 6728.
mammary tumour virus, distribution-chromosomes, mice 4819.
mammary tumour virus, integration-proviruses positive/negative mammary gland tumours, mice 4141.
mammary tumour virus, integration sites characterization, transcription, hepatoma cells, rats 4142.
mammary tumour virus related sequence, distribition, rats 8131.
mapping, adenovirus (human) 5 temperature-sensitive mutant 2226.
mapping, adenovirus/papovavirus, review 4663.
mapping, Autographa californica nuclear polyhedrosis virus 4006.
mapping, electron microscopy, phage G4/phage φX174, comparison 4638.
mapping, herpes simplex virus 3495, 3496.
mapping, identification-herpes simplex virus strains 5454.
mapping, phage Sd 4650.
mapping (physical), herpes simplex virus 1 x herpes simplex virus 2 recombinants 622, 820.
mapping/replication origins localization, phage SPP1 606.
Marek's disease virus, comparison-herpesvirus (turkey) 4673.
Marek's disease virus, transcription, lymphoblastoid cell lines, chickens 4119.
maturation/packaging, phage P2 7019.
measles virus, detection, systemic lupus erythematosus, man 6654.
melting curve analysis, use-nucleotide sequence determination, phage 3392.
melting profiles, sodium chloride concentration dependence, phage λ 6892.
melting structure, phage φX174 7564.
methylation, phage DDVI, Shigella stutzeri/Shigella sonnei 94.
methylation, phage T1, involvement-Escherichia coli restriction 4764.
O-methylhydroxylamine mutagenesis, phage Sd, mechanisms 6265.
minichromosomes, transcription, calf thymus/Escherichia coli RNA polymerase, SV40 7701.
modification, phage T5, restriction endonuclease sensitive mutant 5599.
modification, requirements, Escherichia coli, phage Mu induced 1556.
molecular weight, defective cytomegalovirus 6929.
molecular weight determination, densonucleosis virus 4004.
molecular weight determination, Orgyia pseudotsugata nuclear polyhedrosis bundle virus/nuclear polyhedrosis single-rod virus 6221.
Moloney leukaemia virus proviruses, integration/structure, BALB/Mo cells 5536.
mutations, correction, oligodeoxyribonucleotides, phage φX174 811.
nucleosomes like subunits, adenovirus (human) 2 4666.
nucleotide sequence, analysis, phage f1 defective-interfering particles 4636.
nucleotide sequence, BK virus, homology-SV40 4656.
nucleotide sequence, phage λ cI gene 2105.
nucleotide sequence, phage λ deletion mutant attachment sites 23.
nucleotide sequence, phage φX174 1361.
nucleotide sequence, phage φ21/phage φ80/phage 434, comparison-phage λ 4640.
nucleotide sequence, phage fd 2776.
nucleotide sequence, phage G4 2104.
nucleotide sequence, phage M13 amber mutant 7803.
nucleotide sequence, phage M13 genes 6190.
nucleotide sequence, phage T7 gene 1 7576.
nucleotide sequence, polyoma virus 34.
nucleotide sequence, polyoma virus non-transforming mutant genome 2118.
nucleotide sequence, SV40 recombinants 5451, 5452.
nucleotide sequence, 3'-terminus/5'-terminus, phage Mu 2107.
nucleotide sequence analysis, SV40 deletion mutant 3990.
nucleotide sequence analysis, SV40 deletion mutant antigen T 6201.
nucleotide sequence analysis, SV40 deletion mutant 6384.
nucleotide sequence coding antigen T, homology-SV40/polyoma virus, comparative studies 6448.
nucleotide sequence determination, phage φX174, methodology 7565.
nucleotides analogues determination, methodology, phage T4 6900.
occurrence, scrapie agent 2789.
operators, binding-repressors N-terminus, transcription control, phage λ 6296.
organization, polyoma virus transformed cell lines, rats 4094.
packaging, chromosomes specificity, phage λ 4151.
packaging, mechanisms, phage T4 792.
packaging, models, phages 789.
packaging, phage λ heads 3481.
packaging, phage T4 heads, 9-aminoacridine effects on 4156.
packaging, phage T4 heads, role-gene 20 793.
packaging polarity, effects on phage T7 recombination in vitro 816.
persistence/recombination, SV40, CV1 cells 7646.
phage β, hybridization-Corynebacterium diphtheriae RNA 186.
phage λ, binding-dichlorodiammine platinum II, thiourea effects on 7562.
phage λ, complex-membranes, isolation-Escherichia coli 2869.
phage λ, methylation, phage T2 dam mutant DNA methyltransferase, in vitro 4084.
phage λ, regulation-Escherichia coli ribosomal protein L12 biosynthesis in vitro 5518.
phage λ, RNA polymerase binding sites, mapping, electron microscopy 97.
phage λ, transfection, β-galactosidase genes, transfer-phage λ resistant Escherichia coli 3506.
phage λ, uptake, Nicotiana tabacum protoplasts 4733.
phage λ/phage 1φ7, transfection/transformation, bacteria, freeze-thawing effects on 4898.
phage φX174, inactivation, spermine, mechanisms 3391.
phage φX174/phage S13, localization-Escherichia coli RNA polymerase binding sites, electron microscopy 2172.
phage φ105C, Bacillus amyloliquefaciens restriction endonuclease recognition sequence 7566.
phage φ105C, restriction-modification, Bacillus subtilis 4903.
phage DDII, restriction, DNA methyltransferase, Shigella sonnei/Shigella stutzeri 2238.
phage fd, fate, Glycine max nuclei 19.
phage fd, interaction-Escherichia coli DNA-binding proteins, fluorescence 1452.
phage I3, injection, inhibition, Tween-80 4054.
phage J1, interaction-lysine 4639.

DNA,(continued)
phage Mu, cotransfer-R factor RP4, Agrobacterium tumefaciens/Escherichia coli 1557.
phage Mu, integration Klebsiella pneumoniae nitrogen fixation genes, induced mutants 1455.
phage Mu, S gene/U gene mapping 3390.
phage M13, transposons insertion 2918.
phage PM2, interaction Escherichia coli/Micrococcus luteus DNA gyrase, mechanisms 709.
phage PM2, purines insertion, Escherichia coli enzymes 4645.
phage PM2, secondary structure probes, Alteromonas espejiana deoxyribonuclease 3393.
phage PM2, transport/uptake, Streptococcus pneumoniae 7847.
phage P1/phage P7, comparison 7629.
phage Qβ, containing plasmids, phage Qβ formation, Escherichia coli 813.
phage SD, interaction sodium bisulphite 26.
phage T2, radiation (u.v.) treated, role-nucleoside diphosphates polymerization, polynucleotide phosphorylase, use RNA primers 4765.
phage T2, reaction bisulphite 3976.
phage T4, interaction-histone H1 7573.
phage T7, alkylated poly (I)/poly (C) effects on 614.
phage T7, comparison phage T7 related phages 5450.
phage T7, interaction-Escherichia coli RNA polymerase 114.
phage T7, interaction spermidine 32.
phage T7 genes, modification, alkylated RNA 6197.
phageφe, thymine incorporation during transfection, Bacillus subtilis 7668.
phages, interaction-Escherichia coli RNA polymerase 3453.
phages, transformation, Psdeudomonas aeruginosa 4892.
phages/plasmids, isolation methodology 4.
photoinactivation, proflavine, phage 0X174 2779.
photoinactivation, psoralen derivatives, herpes simplex virus 1 175.
photosensitization, dyes, inactivation-phage T4 3102.
physicochemical characterization, comparison-vaccinia virus/fowlpox virus/juncopox virus 629.
physicochemical properties, adenovirus (simian) 38 4667.
physicochemical properties, cytomegalovirus 625.
physicochemical properties, Lymantria dispar nuclear polyhedrosis virus 6227.
physicochemical properties, Mycobacterium smegmatis phage ATCC 11759 3970.
physicochemical properties, phage SH3/phage SH10/phage SH11/phage SH12 7570.
physicochemical properties/restriction endonuclease maps, adenovirus (simian) 38 7585.
poloyma virus, cloning, Escherichia coli, use plasmids vectors 4873.
polyoma virus, biological activity, hamsters/mice 3982.
polyoma virus, cloning, Escherichia coli, use-phage λ vectors 4874.
polyoma virus, detection-brain tissues, progressive multifocal leucoencephalopathy, man 3277.
polyoma virus, mice DNA containing, characterization/formation 2181.
precursors, nucleoside monophosphates/nucleoside triphosphates, compartmentation, phage T4 infected Escherichia coli 108.
promoter (A2)/5′-terminus nucleotide sequence, phage T7 28.
promoters regions, nucleotide sequence, phage T7 2115.
promoters regions, polynucleotides, enzymatic-chemical synthesis, phage fd 6292.
promoters regions, polynucleotides, synthesis, phage fd 2169.
promoters sites, mapping, phage T7 2116.
promoters/terminators sites, utilization-bacterial RNA polymerase, phage T7 6312.
purification, methodology, avian sarcoma virus infected QT6 cells 2899.
radiation (u.v.), endonuclease V sensitive cytosine (5-hydroxymethyl) products, phage T4 2781.
radiation (u.v.) cross-linking gene 5 protein, phage fd 6291.
radiation (u.v.) treated, Saccharomyces cerevisiae endonuclease α activity, phage T7 2114.
recognition sites, phage T4 gene 44/62/gene 45 proteins catalyzed ATP hydrolysis 1.
recombinants joints, nucleotide sequence, SV40 3987.
recombination, SV40 infected cells, review 173.
recombination, use-phage λ, review 168.
recombination frequency, SV40 infected cells, monkeys 7031.
related-Rauscher leukaemia virus/Simian sarcoma virus, detection-systemic lupus erythematosus tissues, man, absence 5167.
renaturation kinetics, phage T2/phage T4/phage T5 610.
repetitive sequences/diploidy, herpes simplex virus 1 41.
replication, absence, adenovirus (human) 2 structural protein protein biosynthesis 1476.
replication, accumulation-late replicative intermediates, SV40 6317.
replication, adenovirus (human) 2 6321.
replication, adenovirus (human) 5 temperature-sensitive mutant, in vitro 128.
replication, concatemers, analysis, pseudorabies virus 4794.
replication, herpes simplex virus 1/vaccinia virus, muscle cells, chick embryos 1481.
replication, in vitro, adenovirus (human) 5 4112.
replication, in vitro requirements, SV40 2182.
replication, initiator RNA biosynthesis/distribution, polyoma virus 731.
replication, kinetics, polyoma virus 7692.
replication, kinetics, polyoma virus, C3H2K cells 3454.
replication, localization, papilloma virus (human) 1, warts, man 6977.
replication, mechanisms, phage 2C 4771.
replication, mitomycin C/hamsters effects on, SV40, permissive cells, hamsters 8045.
replication, origin localization, SV40 122.
replication, phage λ, gene P effects on 4863.
replication, phage φK replicative form, Escherichia coli mutants 4077.
replication, phage G13, Escherichia coli dna mutant 698.
replication, polyoma virus, cytosine arabinoside effects on 6315.
replication, proteins requirements/specificity, phage λ 4071.
replication, regulation-serum, Rous sarcoma virus transformed fibroblasts, rats 8084.
replication, replicative intermediates characterization, phage T1 714.
replication, role-DNA polymerase, adenovirus (human) 2/adenovirus (human) 5 4784.
replication, role-gene 32/gene 43/gene 44/gene 62 proteins, phage T4 7676.
replication, SV40, CV1 cells 4777.
replication, vaccinia virus, role-nuclei, hosts 4798.
replication origin, comparison-BK virus/polyoma virus/SV40 6978.
replication origin, endonuclease recognition/structure, polyoma virus/SV40 chromatin 4096.
replication origin, localization, phage T7 6974.
replication origin containing fragments, nucleotide sequence, SV40 3986.
replication/persistence, cytomegalovirus, lymphoblastoid cell

IRL©1979

DNA,(continued)
lines 7722.
eplication rate, SV40 variants 4098.
eplication termini, phage λ/phage Mu prophages, mapping, Escherichia coli 6297.
eplication/transcription, adenovirus (simian) 7, infected cells, monkeys 4115.
eplication/transcription, phage T7, role-Escherichia coli DNA gyrase 4092.
eplication/transposition, phage Mu, molecular models 5520.
eplicative form, isolation-circular DNA, phage f1 4070.
eplicative form, R-loops characterization, phage φX174 2874.
eplicative form, replication, in vivo, phage φX174 707.
eplicative form, replication, phage G4, Escherichia coli dna mutant 7658.
eplicative intermediates, phage P4, distribution/size, Escherichia coli 6969.
estriction endonuclease AluI cleavage sites, mapping, polyoma virus 3984.
estriction endonuclease analysis, comparison-nuclear polyhedrosis virus infectious forms, Autographa californica 639.
estriction endonuclease analysis, differentiation-herpes simplex virus 1/herpes simplex virus 2 6205.
estriction endonuclease analysis, herpes simplex virus 1 624.
estriction endonuclease analysis, phage T5 2782.
estriction endonuclease analysis, spleen necrosis virus 6214.
estriction endonuclease cleavage, Epstein-Barr virus 626.
estriction endonuclease cleavage, following phage λ infection, Escherichia coli 2868.
estriction endonuclease cleavage, mapping, adenovirus (bovine) 3 38.
estriction endonuclease cleavage, phage T5 612.
estriction endonuclease cleavage mapping, phage St-1 607.
estriction endonuclease cleavage mapping, comparison-phage St-1/phage φX174/phage G4 608.
estriction endonuclease cleavage mapping, JC virus 3981.
estriction endonuclease cleavage mapping, phage φ29 6191.
estriction endonuclease cleavage mapping, phage SPP1 transcription in vitro 6309.
estriction endonuclease cleavage maps, phage BF23 6186.
estriction endonuclease cleavage patterns, SV40 temperature-sensitive mutant 2120.
estriction endonuclease cleavage sites, polyoma virus mutants 817.
estriction endonuclease cleavage sites, mapping, phage T5 mutants 6902.
estriction endonuclease cleavage sites mapping, phage PM2, methodology 7567.
estriction endonuclease EcoRI analysis, herpesvirus derived from Tupaia belangeri lymphosarcoma 6912.
estriction endonuclease fragmentation/mapping, phage λ 1358.
estriction endonuclease fragments, electrophoresis, differentiation-poxvirus strains 627.
estriction endonuclease fragments, mapping, BK virus 3980.
estriction endonuclease fragments, mapping, adenovirus (human) 2 6907.
estriction endonuclease fragments, nucleotide sequence, SV40 4661.
estriction endonuclease fragments, separation, identification-Escherichia coli RNA polymerase promoters, phage λ 701.
estriction endonuclease fragments arrangement, phage SPP1 4652.
estriction endonuclease/genes mapping, phage φ105 604.
estriction endonuclease mapping, avian sarcoma virus 2202.
restriction endonuclease mapping, BK virus 33.
restriction endonuclease mapping, Bk virus 1366.
restriction endonuclease mapping, cauliflower mosaic virus 6922.
restriction endonuclease mapping, channel catfish virus 6911.
restriction endonuclease mapping, nuclear polyhedrosis virus strains 6243.
restriction endonuclease mapping, phage G4 598.
restriction endonuclease mapping, phage P2/phage 186 4648.
restriction endonuclease mapping, phage P2 4649.
restriction endonuclease mapping, phage P22 6193.
restriction endonuclease mapping, phage SP01 6898.
restriction endonuclease recognition sites, determinaton, computer programs, phage φX174 603.
restriction endonuclease recognition sites, phage φX174/SV40 1360.
restriction endonucleases mapping, phage λ 1359.
mRNA coding regions/leaders sequence junction, nucleotide sequence, adenovirus (human) 2 1370.
tRNA genes containing fragments, isolation, phage T5 611.
Rous sarcoma virus, transfection embryo fibroblasts, chickens, mechanisms 768.
separation, use-poly (U,G) agarose gels, adenovirus/phage λ 568.
sequence, adenovirus (human) 5, detection, transformed kidney embryo cells, man 4789.
sequence, associated-influenza virus genomes 6918.
sequence, D-type virus, detection, monkeys 2501.
sequence, detection, persistent infection, cell culture, tick-borne encephalitis virus 6340.
sequence, detection, tumours/tumour cells, man, BK virus, failure 2508.
sequence, papilloma virus (bovine), detection, tumour cells, hamsters/horses 7206.
sequence, phage T7 promoters recognition/initiation sites 6973.
sequence, polyoma virus deletion mutant 4659.
sequence, proviruses, detection, gibbon ape leukemia virus infected tissues 5839.
sequence, restriction endonuclease analysis, C-type virus, mice 5128.
sequence analysis, review 6926.
sequence coding SV40 antigen t, identification 1473.
sequence determination, phage M13 6894.
sequence homology, BK virus/polyoma virus/SV40 6202.
sequence variability, Epstein-Barr virus 7587.
sequences, baboon endogenous virus, detection, Papio tissues 6600.
sequences, detection, cattle/man/sheep/pigs, bovine leukaemia virus provirus 3124.
sequences, influenza A virus associated 781.
simian foamy virus 7 proviruses, role persistent infection, rabbits 2097.
single-stranded, antibodies, use-diagnosis-hepatitis 1065.
single-stranded, binding-SV40 antigen T 5624.
single-stranded, characterization/isolation, SV40 transformed 3T3 cells 6983.
single-stranded, isolation, hepatitis A virus 1382.
single-stranded, isolation/characterization, SV40 transformed 3T3 cells 8044.
single-stranded, localization-cauliflower mosaic virus genome 48.
single-stranded, phage, use-recombination, review 161.
single-stranded, phage M13, Escherichia coli RNA polymerase binding sites, characterization 704.
single-stranded, 3′-terminus nucleotide sequence, Kilham rat virus 7609.

DNA,(continued)
size, cytomegalovirus, comparison-man/mice 4672.
size, nuclear polyhedrosis virus 5456.
size/structure, feline syncyticum-forming virus proviruses 7595.
specific sequence, detection-C-type virus (murine) genomes 6916.
spleen necrosis virus, accumulation, infected cells, birds/rats 7750.
splicing regions, nucleotide sequence, BK virus 7581.
stability mapping, phage fd 6891.
strand separation, phage φX174, catalysis, Escherichia coli rep gene proteins 101, 102.
strands, DNA biosynthesis initiation, phage f1 replicative form 4069.
strands exchange, sites specific recombination, phage λ 4860.
Streptomyces aureofaciens restriction endonuclease cleavage, phage λ 599.
Streptomyces lavendulae restriction endonuclease cleavage sites, phage T4 6196.
Streptomyces stanfordii restriction endonuclease cleavage sites, localization, adenovirus (human) 2/adenovirus (human) 5 6908.
structure, electron microscopy, Galleria mellonella polyhedrosis virus 6220.
structure, electron microscopy, phage fd 3971.
structure, electron microscopy, pseudorabies virus 6206.
structure, inverted terminal repetition, electron microscopy, vaccinia virus 630.
structure, models, phage φCd-1/phage P22/phage T7 4642.
structure, phage φKZ 1414.
structure, phage φX174, Escherichia coli ribosomal proteins binding effects on 703.
structure, phage BF23 6229.
structure, phage SPP1 4651.
structure, radiation (γ)/radiation (u.v.) effects on, phage T1 4653.
structure, role-replicative intermediates, adeno-associated virus 3977.
structure, visna virus 4822.
structure during evolution, pseudorabies virus defective interfering particles 7586.
superhelical, phage λ, role-integration/recombination 162.
SV40, binding-benzo(a)pyrene diol epoxide, bases specificity 2785.
SV40, hosts substituted DNA variants, transcription 4778.
SV40, infection in vitro, heterologous interference, mechanisms 3455.
SV40, phage P1 restriction endonuclease cleavage sites 4660.
SV40, sensitivity, phage T4 endonuclease V, radiation (u.v.) effects on 6906.
SV40, structure, CV-1 cells 3394.
tandem repeated sequence, mapping, Epstein-Barr virus 7588.
termini, detection-repeated sequence, Epstein-Barr virus 6207.
termini, inverted repeats, vaccinia virus/rabbit poxvirus 628.
termini, nucleotide sequence, adenovirus (human) 2 6204.
termini inverted repeat, nucleotide sequence, adenovirus (human) 2 6203.
5′-terminus, addition, oligonucleotides, phage T4 RNA ligase 4085.
5′-terminus, complex-proteins, assays, adenovirus 4782.
3′-terminus, nucleotide sequence, Kilham rat virus 7579.
5′-terminus, proteins binding, adenovirus (human) 2 early infection 6984.
5′-terminus associated proteins, phage φ9 1383.
3′-terminus/5′ terminus, nucleotide sequence, phage T7 2117.
thermodynamic properties, phage T7 70.
dTMP enriched, expression/production, phage SP15, Bacillus subtilis 713.
transcription, adenovirus (human) 2, RNA polymerase, infected HeLa cells 4105.
transcription, adenovirus (human) 5 transformed cell lines 1478.
transcription, Caulobacter crescentus/Escherichia coli RNA polymerase, phage fd replicative form 6294.
transcription, cell lines, mice, induction, uridine (5-iododeoxy), correlation-endogenous AKR leukaemia virus activation 8122.
transcription, in vivo, vaccinia virus 7729.
transcription, initiation, dinucleotides, in vitro, phage T4 721.
transcription, localization-promoters, phage M13 1456.
transcription, mapping, adenovirus (human) 12 744.
transcription, phage gh-1, Pseudomonas putida 6295.
transcription, phage SP82, sodium chloride effects on 4083.
transcription, polyoma virus, calf thymus RNA polymerase, in vitro 730.
transcription, SV40, Xenopus oocytes 6981.
transcription, termination mutants, characterization, phage λ 4862.
transcription, vaccinia virus, infected cells 753.
transcription complex, characterization, phage N4, Escherichia coli 7666.
transcription complex, location, phage N4, Escherichia coli 7667.
transcription complex, SV40, electron microscopy, kidney cells, mice 4097.
transcription initiation following infection, SV40 4099.
transcription/translation-antigen T/capsid protein, Xenopus laevis oocytes, polyoma virus/SV40 2879.
transfection, endogenous/exogenous murine leukaemia virus 4139.
transfection, use-viruses detection, tumours, man 7255.
transformation, BALB/3T3 cells, adenovirus (bovine) 3 306.
transformation/transfection ability in vitro, herpesvirus (equine) 1 6166.
transforming, sequence, analysis, adenovirus (human) 12 transformed cell lines, rats 7713.
transforming DNA, characterization, adenovirus (human) 5300.
transforming fragments, nucleotide sequence, adenovirus (human) 5 6909.
triple-stranded, formation, phage T4 DNA ligase 722.
uracil (5-bromo) containing, phage T4, radiation (u.v.) effects on 7574.
uridine (5-bromodeoxy) containing, phage λ, restriction endonuclease digestion 2777.
viruses related, detection-leukaemia cells, man 8138.
DNA-binding protein,
antigenic characteristics/purification, mammary tumour virus 1506.
biosynthesis, Rous sarcoma virus transformation, cell lines, rats 8088.
chromatin, cytomegalovirus induced, characterization, lung cells, man 7723.
effects on promoters competition, phage SPO1 4081.
Escherichia coli, role-phage φX174 DNA biosynthesis 5495.
identification-cytomegalovirus early antigen 7721.
phage T4, regulation-gene 32 mRNA translation 4086.
phage T5 D5 gene products, characterization 2176.
regulation-RNA biosynthesis, adenovirus (human) 5 temperature-sensitive mutant 4111.
mRNA precursors, splicing patterns, adenovirus (human) 2 6323.
structure, phage T4, DNA/polynucleotides effects on 112.

IRL©1979

DNA-binding proteins,
Escherichia coli, interaction-phage fd DNA, fluorescence 1452.
DNA biosynthesis,
adenovirus (human) 2, CHO cells/HeLa cells, aphidicolin effects on 7710.
analysis, phage SPP1 4082.
ATP independent, vaccinia virus infected L cells 691.
avian myeloblastosis virus, transformed cells, actinomycin D/daunomycin effects on 1494.
avian myeloblastosis virus DNA polymerase + ribonuclease 7745.
BHK cells, inhibition, western equine encephalitis virus infection, mechanisms 4749.
cell lines, mice, induction, adenovirus (bovine) 3, temperature effects 685.
cells, animals, tick-borne encephalitis virus infection effects on 4750.
chromatin, herpes simplex virus infected kidney cells, monkeys 6990.
complementary, equine infectious anaemia virus 4137.
complementary, Sindbis virus, use-avian myeloblastosis virus DNA polymerase (RNA-dependent) 143.
control, Salmonella typhimurium DNA defective mutant, phage P22 transduction particles 6404.
defective temperature-sensitive mutant, characterization, herpes simplex virus 1 1480.
defective temperature-sensitive mutant, phenotypic complementation, antigen T addition, SV40, CV-1 cells 818.
DNA-unwinding protein effects on, phage M13, Escherichia coli cell-free system 6302.
double-stranded, products characterization, Moloney sarcoma virus 7757.
ectromelia virus, hepatocytes, mice, thymidine (trifluoro) + asialofetuin effects on 7728.
embryo fibroblasts, mice/man, stimulation, radiation (u.v.) treated cytomegalovirus 2166.
Epstein-Barr virus, transformation, lymphocytes B, man 6572.
Epstein Barr virus carrying cell lines, inhibition, Herpesvirus papio superinfection 4747.
feline syncytium-forming virus proviruses, integration-hosts cells genome 1502.
herpes simplex virus, chromatin, infected nuclei, BHK21/C13 747.
herpes simplex virus, in vitro, inhibition, adenine arabinoside 7714.
herpes simplex virus transformed lymphoblastoid cell lines, inhibition, insulin 4351.
herpes simplex virus 1, cell-free system, polyamines effects on 2187.
herpes simplex virus 1, temperature-sensitive mutant infected BHK-21 cells 134.
high molecular weight, adenovirus (human) 2 temperature-sensitive mutant, KB cells 6325.
hosts, inhibition, herpes simplex virus, genes control 3441.
hosts/viruses, herpes simplex virus infection, BHK cells, poly (ADP-ribose) biosynthesis during 6284.
n vitro, complementary-Rous sarcoma virus genomes 7000.
ncorporation-uracil, adenovirus (human) 12 6989.
nduction, cytomegalovirus temperature-sensitive mutant, in vitro 4746.
nduction, vaccinia virus infection, HeLa cells, characterization 2889.
nhibition, benzo(a)pyrene derivatives, SV40 7695.
nhibition, defective-interfering particles, adeno-associated virus 5496.
inhibition, specificity, extracts-murine sarcoma virus transformed 3T3 cells 2496.
inhibition sites, carcinogens/radiation (u.v.) treated phage φX174 6306.
inhibitors, antiviral activity, adenovirus (human) replication, HeLa cells 5760.
initiation, oligo (dC) binding sites mapping, avian myeloblastosis virus 4806.
initiation, phage f1 replicative form DNA strands 4069.
initiation, requirement-gene 401 function, adenovirus (human) 12 4114.
initiation, RNA, phages/viruses, review 2866.
initiation, SV40 temperature-sensitive mutant transformed Chinese hamster embryo cells, role-A gene 1006.
Kilham rat virus, in vitro 117.
leucocytes (mononuclear) subpopulations, yellow fever virus vaccination, man 3009.
lymphocytes, mitogens induced, role-Friend leukaemia virus infection/replication 5044.
mechanisms, Moloney leukaemia virus 4815.
mice embryos, interferon effects on 5642.
myotubes, embryos, chickens, induction, Rous sarcoma virus src gene activation 693.
oncornavirus, review 2897.
phage λ, Escherichia coli, interference, phage P2, role-old gene 95.
phage φC, Escherichia coli dna mutant 1457.
phage φX174, Escherichia coli dna mutant 6304.
phage φX174 H gene mutants infected Escherichia coli 4078.
phage G4/phage φX174, inhibition, CTP (2′-deoxy-2′-azido) 699.
phage T4, role-genes 7680.
phage T7, relationship-markers rescue 2877.
phage 2C, bacteria permeabilized cells 728.
phages infected Bacillus subtilis minicells, toluene treated 87.
polyoma virus, embryo cells, mice, inhibition, cytidine (5′-methyldeoxy)/uridine (5′-fluoro-2′-deoxy) 5526.
polyoma virus infected 3T6 cells nuclei 6314.
primer biosynthesis, phage φX174 104.
regulation, gene A, SV40 6980.
replication proteins, phage φX174, review 7671.
requirements, herpes simplex virus radiation (u.v.) reactivation, kidney cells, monkeys 7032.
tRNA Pro interaction-genomes RNA, Moloney leukaemia virus 7753.
role-dCMP hydroxymethyltransferase, absence, phage T4 1463.
role-DNA polymerase, adenovirus (human) 2 4106.
Rous sarcoma virus, infected cells, chickens, kinetics 2900.
Rous sarcoma virus, inhibition, disulfiram 314.
Rous sarcoma virus DNA polymerase (RNA-dependent), in vitro 2203.
RSa cells, human leucocytes interferon effects on 896.
stimulation, mechanisms, herpes simplex virus 2 infected embryo fibroblasts, man 2165.
SV40, CV-1 cells, radiation (u.v.) effects on 2883.
SV40, role-DNA polymerase 120.
SV40 induced, theophylline sensitivity, relationship-antigen t 4743.
dTMP origin, phage SP10c 3450.
visna virus 4822.
DNA gyrase,
Escherichia coli, interaction-phage T4 DNA-delay gene products 4090.
Escherichia coli, role-phage T7 DNA replication/transcription 4092.
Escherichia coli/Micrococcus luteus, interaction-phage PM2

DNA gyrase,(continued)
DNA, mechanisms 709.
inhibitors, inhibition phage λ DNA repair/recombination, radiation (u.v.) 806.
DNA ligase,
activity, phage Mu, Escherichia coli mutants 5519.
formation triple stranded DNA, phage T4 722.
DNA metabolism,
lymphocytes B, inhibition, Epstein-Barr virus, use-viruses quantitation 1446.
DNA methylase,
guanine methylase, function/specificity, phage DDVI 5517.
DNA methyltransferase,
phage T2 dam mutant, methylation-phage λ DNA in vitro 4084.
restriction-phage DDII DNA, Shigella sonnei/Shigella stutzeri 2238.
DNA polymerase,
activity, cell culture, mice, herpes simplex virus 1 infection effects on 688.
activity, hepatitis B surface antigen positive hepatitis, treatment, adenine arabinoside 1176.
activity, zinc effects on, avian myeloblastosis virus 3468.
antimutator, effects on phage T4 mutator genes 5568.
assays, avian myeloblastosis virus/hepatitis B virus 7747.
associated Dane particles, inhibition, trisodium phosphonoformate 4836.
associated exonuclease defective mutant, Escherichia coli, inhibition phage M13 replication 3448.
associated ribonuclease, DNA biosynthesis, avian myeloblastosis virus 7745.
characterization, Epstein-Barr virus induced 2888.
characterization, exonuclease activity, phage PBS2 induced 2171.
characterization, phage T4 CB121 mutant 1465.
characterization/purification, Epstein-Barr virus 1483.
characterization/purification, phage PBS2 induced 2170.
Dane particles associated, assays, diagnosis-hepatitis B, man 6614.
DNA tumour virus, review 144.
elimination, associated Escherichia coli contamination-hepatitis B e antigen positive serum 4923.
errors recognition, mechanisms, phage T4 4767.
induction, cytomegalovirus temperature sensitive mutant, in vitro 4746.
induction, herpes simplex virus 2, HeLa cells, inhibition, 2-mercapto-1-(β-4-pyridethyl)benzimidazole 2190.
interaction-Cibacron blue, phage T4 6972.
levels, serum, changes during hepatitis B virus infection, man 8255.
mechanisms, phage T4 718.
mutants, recombination, phage T4 4176.
nonsense mutant, genetic analysis, phage T4 3493.
phage PBS2 induced, Bacillus subtilis, relationship-hosts DNA polymerase III 2873.
role adenovirus (human) 2/adenovirus (human) 5 DNA replication 4784.
role DNA biosynthesis, adenovirus (human) 2 4106.
role-SV40 DNA biosynthesis 120.
stimulation, gene 44/62/gene 45 proteins, phage T4 107.
substrate specificity, viruses 694.
virions associated, absence, parvovirus replication, in vitro 1470.
DNA polymerase (RNA-dependent),
activity, D-type virus, EDTA treatment effects on 775.
activity, leucocytes/spleen cells, lymphoproliferative diseases/myeloproliferative diseases, man 8137.
activity, prostate, man 6605.
activity, spleen cells, mice, Friend leukaemia virus infection effects on 6964.
allosteric properties, avian myeloblastosis virus/feline sarcoma virus 4807.
associated endonuclease, characterization, avian myeloblastosis virus 7746.
associated ribonuclease H, Rauscher leukaemia virus, inhibition, RNA 149.
associated ribonuclease H, Rauscher leukaemia virus/avian myeloblastosis virus, inhibition, RNA 772.
associated ribonuclease H activity, detection, oncornavirus 7752.
avian myeloblastosis virus, inhibition, pyridoxal-5′-phosphate, tRNA effects on 6998.
avian myeloblastosis virus, role-mutagenesis 6997.
avian myeloblastosis virus, transcription-cowpea mosaic virus RNA 2908.
avian myeloblastosis virus, use-Sindbis virus complementary DNA biosynthesis 143.
binding-tRNA, replication defective avian sarcoma virus 1498.
C-type virus, sperm, spermatozoa antibodies 2902.
characterization, associated-C-type virus virions derived from L cells 4813.
characterization, avian reticuloendotheliosis virus, comparison-avian myeloblastosis virus/Friend leukaemia virus 2200.
characterization, C-type virus, hamsters 6344.
characterization, cells, geese embryos 4067.
characterization, visna virus 4823.
characterization/isolation, avian myeloblastosis virus 3467.
cistrons, RRNA fragments, role-initiation complex formation, phage MS2 4760.
deficient/positive avian reticuloendotheliosis virus/Rous sarcoma virus, RNA, characterization 4132.
detection, leukaemia cells, man, oncornavirus 7265.
DNA biosynthesis, in vitro, Rous sarcoma virus 2203.
DNA polymerase, inhibition, pyrans 776.
elongation-avian sarcoma virus genomes 5′-terminus complementary DNA, Triton X-100 effects on 6999.
endogenous/exogenous avian leucosis virus, comparison 1493.
endonuclease activity, avian myeloblastosis virus 4809.
feline leukaemia virus, antibody response, cats 4319.
genetic regulation, role-membrane proteins, vesicular stomatitis virus 2904.
identification, feline syncytium-forming virus 6343.
inhibition, phosphonoacetic acid, C-type virus 1491.
inhibition, rifamycin derivatives, simian sarcoma virus 4143.
inhibition, sodium pyrophosphate, avian myeloblastosis virus 764.
interaction-protein p30, oncornavirus 2896.
interaction-proteins, Rauscher leukaemia virus 773.
isolation/characterization, virus-free system, oncornavirus (avian) 147.
Moloney leukaemia virus 1503.
oncornavirus, associated ribonuclease H activity, o-phenathroline effects on 7744.
oncornavirus, expression, normal cells, man, review 2197.
oncornavirus, review 144.
oncornavirus, TTP arabinoside/CTP arabinoside effects on 762.
polypeptides, relationships-core protein, avian myeloblastosis virus 145.
relationship-oncornavirus, characterization, placenta, man 2196.

IRL©1979

DNA polymerase (RNA-dependent),(continued)
role-avian myeloblastosis virus RNA 35S binding-tRNA Trp, cattle 7748.
Rous sarcoma virus, inhibition, disulfiram 314.
Rous sarcoma virus, isonicotinic acid hydrazide-copper complex effects on 6551.
Rous sarcoma virus, N-methyl isatin β-thiosemicarbazone-copper complex effects on 770.
simian sarcoma virus, heparin effects on 150.
stabilization, egg yolk fluid, chickens, C-type particles isolated MOPC-315 cells 6345.
substrate specificity, viruses 694.
viruses, inhibition, 4′-(9-acridinylamino)methanesulfon-m-anisidide 761.
visna virus, choroid plexus cells, sheep 7648.

DNA polymerase III,
hosts, relationship-phage PBS2 induced DNA polymerase, Bacillus subtilis 2873.
DNA repair,
acids/osmium tetroxide/radiation (u.v.) damaged phage φX174 170.
benzo(a)pyrene diol-epoxide derivatives induced damage adenovirus (human) 5, fibroblasts, man 174.
correlation-herpes simplex virus 1 production, radiation (u.v.) treated skin cell culture, man 3380.
defects, effects on phage λ mutation, radiation (γ) 4861.
excision, lymphocytes, herpes simplex virus recurrent infection, man 4411.
phage λ, radiation (γ)/radiation (u.v.) induced damage, comparison-Escherichia coli 7661.
phage λ, radiation (u.v.), inhibition, DNA gyrase inhibitors 806.
phage T4 DNA apurinic sites, Anacystis nidulans cell-free system 2112.
phage T4 radiation (u.v.) sensitive mutants 815.
phages, radiation (u.v.) treated Bacillus subtilis 3503.
radiation (u.v.) induced damage, phage λ/phage T4 7798.
recombination, phage T4, ethyl methanesulphonate treatment 7809.
recombination, phage T4, N-methyl-N′-nitro-N-nitrosoguanidine treatment 7808.
sodium bisulphite effects on, Escherichia coli phages 4856.
uracil-DNA glycosylase, phage PBS1/phage φX174 4868.

DNA tumour viruses,
DNA, analysis, human tumours, methodology, review 4385.
DNA polymerase, review 144.
DNA-unwinding protein,
characterization, phage f1 50.
DNA binding properties, phage T4 7677, 7678.
DNA binding sites/N-terminus amino acid sequence phage T4 110.

interaction-DNA, kinetics, phage T4 715.
Dogs,
adenovirus (human) infection, lactate dehydrogenase activity 1240.
Australia, coronavirus isolation, faeces 518.
canine distemper/canine hepatitis diagnosis/treatment, review 2679.
canine distemper virus/adenovirus (canine) vaccination recommendations 251.
gastroenteritis, coronavirus aetiology 6056.
gastroenteritis, coronavirus/parvovirus aetiology, clinial manifestations/differential diagnosis/pathology 4522.
gastroenteritis epidemics, parvovirus aetiology 6739.
hepatitis (chronic active) clinical manifestations/pathology/treatment 2682.
Iceland, relationship multiple sclerosis incidence, man 1185.
juveniles, death, role-viruses myocarditis 6042.
juveniles, death, role viruses myocarditis 6043.
juveniles, infectious diseases, prophylaxis 1990.
juveniles, parvovirus aetiology, enteritis/myocarditis 7402.
neonates, adenovirus (canine)/herpesvirus infection 1960.
neonates, herpesvirus (canine) experimental infection, antibody response/clinical manifestations 6088.
parainfluenza virus/adenovirus (canine) 02 aetiology/prophylaxis/treatment, kennel cough 480.
parainfluenza virus vaccination, efficacy 7965.
parvovirus, association gastroenteritis 5304.
parvovirus aetiology, enteritis 7401.
parvovirus gastroenteritis, clinical manifestations/differential diagnosis-coronavirus gastroenteritis 4521.
passage-rotavirus-man 1897.
pseudorabies, clinical manifestations/epidemiology 4526.
rabies virus vaccination, failure 4297.
respiratory tract infection, aetiology, review 5302.
respiratory tract infection, viruses aetiology 5301.
rotavirus antibodies incidence 512.
vaccination recommendations 3605.
Dolichos biflorus,
horsegram yellow mosaic disease epidemiology 6131.
Domestic animals,
Botswana, bluetongue virus seroepidemiology 6066.
L-Dopa,
treatment-herpes zoster, man 4513.
Down's syndrome,
children, adenovirus/herpesvirus/influenza virus transformation-lymphocytes 3066.
man, measles virus vaccination effects on sister chromatid exchange 7146.
poliovirus antibodies incidence, man 1141.
Doxrubicin,
effects on Moloney sarcoma virus induced osteosarcoma, rats 2497.
Drinking water,
viruses detection/concentration 1890.
Drosophila,
σ virus, morphogenesis/structure, review 2829.
Spiroplasma derived from, viruses morphogenesis/structure, review 2814.
Drosophila A virus,
detection, media (culture) derived from Drosophila melanogaster cell lines 6183.
Drosophila C virus,
detection, media (culture) derived from Drosophila melanogaster cell lines 6183.
Drosophila melanogaster,
cell lines, media (culture) derived from, viruses detection 6183.
Drosophila X virus biological properties/isolation 3326.
genes, cloning, use-Drosophila melanogaster 6381.
Drosophila P virus,
detection, media (culture) derived from Drosophila melanogaster cell lines 6183.
Drosophila X virus,
biological properties/isolation, Drosophila melanogaster 3326.
detection, media (culture) derived from Drosophila melanogaster cell lines 6183.

Drosophila X virus,(continued)
virions associated RNA polymerase, RNA biosynthesis in vitro 783.
Drug abuse,
heroin, association-hepatitis B surface antigen/antibodies, man 8322.
Drugs,
role-hepatitis (non-A, non-B), haemodialysis, man 8261.
Duck plague,
outbreaks, poultry, Thailand 6059.
Ducks,
embryos, rabies virus vaccines derived, neuraminidase contamination 4991.
Hong Kong, influenza A virus antigenic characteristics/isolation 3545.
Hong Kong, influenza A virus characterization/isolation 6078.
India, viruses seroepidemiology 7435.
influenza A virus infection/replication-gastrointestinal tract 2014.
influenza A virus strains pathogenicity 1266.
Japan, orthomyxovirus/paramyxovirus isolation 7433.
trachea organ culture, influenza A virus infection cytopathogenesis/ultrastructure 1349.
USA, adenovirus (avian) antibodies incidence 6751.
Dugbe virus,
antigenic relationship-Congo virus/Ganjam virus/Hazara virus/Nairobi sheep disease virus 2962.
isolation, Ixodidae, Ethiopia 515.
transmission (transovarial), Amblyomma variegatum 2736.
Dulcamara mottle virus,
strains, physicochemical properties comparison/relationship-belladonna mottle virus/eggplant mosaic virus 3425.
Duofilm,
applications, treatment-warts, man 3142.
Dyes,
photosensitization-DNA, inactivation-phage T4 3102.
Dysentery,
aetiology, role-viruses, cattle 8349.

Ear,
mice, herpes simplex virus 1 infection clinical manifestations/latency, guanine (9-(2-hydroxyethoxymethyl)) effects on 5069.
Eastern equine encephalitis,
outbreaks, Coturnix coturnix, USA, South Carolina 1982.
outbreaks, horses, transmission-Culiseta melanura/birds, USA, New York 4536.
Eastern equine encephalitis virus,
combined vaccines-western equine encephalitis virus, man, USA, Florida 225.
epidemiology, role-chickens, Jamaica 2706.
seroepidemiology, man/animals, Italy 5974.
susceptibility, pheasants 2006.
transmission, Culisetes melanura 4535.
vaccines, efficacy, pheasants 1686.
Ebola virus,
antibodies incidence, man, Zaire 3809.
antibodies incidence, plasma man, Sudan 3810.
antibodies positive plasma, collection/processing, man 3520.
classification 3369.
classification/physical properties 3420.
cytopathogenesis/replication, cell lines 3383.
detection, serological tests/physical properties, comparison-Marburg disease virus, man/guinea-pigs 3421.
experimental infection, monkeys, interferon effects on 3570.
haemorrhagic fever, book 3940.
haemorrhagic fever, clinical manifestations, man, Zaire 3760.
haemorrhagic fever, clinical manifestations/comparison-Marburg disease virus haemorrhagic fever, man 3761.
haemorrhagic fever, clinical manifestations/diagnosis/epidemiology/prophylaxis, man, review 8238.
haemorrhagic fever, control/prevention, man 3835.
haemorrhagic fever, control/surveillance, man, Kenya 3813.
haemorrhagic fever, control/surveillance, man, Zaire 3814.
haemorrhagic fever, control/surveillance, importation, man, British Isles 3815.
haemorrhagic fever, control/surveillance, importation, man, USA 3816.
haemorrhagic fever, diagnosis, man 3724.
haemorrhagic fever, diagnosis/epidemiology, man 2629.
haemorrhagic fever, epidemics, clinical manifestations/pathogenesis, man, Sudan 396.
haemorrhagic fever, epidemics, control/surveillance, man, Sudan 3806.
haemorrhagic fever, epidemics, control/surveillance, man 3811.
haemorrhagic fever, epidemics, control/surveillance, man, Sudan 3812.
haemorrhagic fever, epidemics, man, Zaire/Sudan 434.
haemorrhagic fever, epidemics/epidemiology, man, Zaire 3799.
haemorrhagic fever, epidemiology, man, Sudan, role-mammals 3808.
haemorrhagic fever, epidemiology, man, Zaire, role-insects/mammals 3807.
haemorrhagic fever, epidemiology/control 1147.
haemorrhagic fever, man, case reports 3762.
haemorrhagic fever, man/experimental infection-monkeys, case reports 3765.
haemorrhagic fever, outbreaks, control, man, Sudan 3800.
haemorrhagic fever, outbreaks, control, man, Zaire 3805.
haemorrhagic fever, outbreaks, man, Sudan 3801, 3802, 3803.
haemorrhagic fever, outbreaks/epidemiology/pathology/clinical manifestations/ecology, man, Zaire 1146.
haemorrhagic fever, pathology, comparison-Marburg disease, man 3764.
haemorrhagic fever, plasma collection, man 3519.
hemorrhagic fever, diagnosis/pathology, man 3763.
infection, control, safety laboratories 3834.
infection, control/epidemiology, case reports, man, British Isles 8302.
infection, diagnosis/risks, travellers 1824.
infection, pathology, monkeys 2012.
nosocomial infection, man 4456.
seroepidemiology, man, Zaire 8303.
strains, experimental infection, pathology, ultrastructure, Macaca mulatta 6102.
vaccines, development 3585.
ECBOvirus,
isolation, prepuce washings/semen, cattle 2699.
ECG,
studies, children, coxsackievirus myocarditis 6639.
studies, western equine encephalitis virus myocarditis, mice 537.
Echinochloa crusgalli,
disease reservoirs, barley yellow dwarf virus infection, Oryza sativa 5383.
ECHOvirus,
aetiology, meningitis, children, Iran 5179.
aetiology, vulvovaginitis, children 6623.

IRL©1979

CHOvirus,(continued)
ssociated polyarthritis, man, case reports 5197.
ssociation-myocarditis, man 3159.
oncentration, water, use-polyethylene glycol 6857.
pidemiology, man, USA, Wisconsin 5245.
pidemiology/evolution, man, review 7349.
activation, chlorine 7199.
fection, treatment, man 3841.
olation, wastewater, plaque assay methodology 2760.
eningitis, antibody response/symptoms, man 6641.
eningitis, hearing loss complications, case surveys 1075.
eroepidemiology, man, Papua New Guinea 5252.
CHOvirus 4,
eutralization, GMK-AH1 cells/RD cells/Vero cells 5635.
CHOvirus 6,
etiology, meningitis (aseptic), case reports 6642.
CHOvirus 7,
activation, ascorbic acid/sodium bisulphite 1734.
rocapsids, antigenicity/polypeptides, temperature effects on 3405.
CHOvirus 9,
etiology, meningitis (aseptic), case reports 6642.
ole-myocarditis, man 364.
CHOvirus 11,
ntiviral activity, alcohols 5755.
fection, incidence/pathogenesis, man, British Isles 1855.
fection, outbreaks, clinical manifestations/epidemiology, infants, hospitals 3753.
fection outbreaks/pathogenesis, infants, man 388.
aternal infection, association-intrauterine foetal death, case reports, man 3752.
CHOvirus 12,
rotein biosynthesis, in vitro 4799.
roteins/RNA, characterization 4701.
ncoating, localization cytoplasm 2856.
CHOvirus 19,
etiology, meningitis, man, case reports 2569.
fection, outbreaks, man, British Isles 5246.
CHOvirus 25,
ncephalitis, clinical manifestations/computed tomography studies/diagnosis, case reports 7306.
eningitis, case reports/epidemiology, man, Italy 4471.
CHOvirus 30,
etiology, meningitis/pharyngitis outbreaks, man, Germany, Fed. Rep. 389.
etiology/epidemiology, meningitis, man, Poland 2570.
ctiyma contagiosum,
vioos moschatus/Rangiter tarandus, transmission-man, case reports 4467.
ctromelia virus,
NA biosynthesis, hepatocytes, mice, thymidine (trifluoro) + asialofetuin effects on 7728.
fection, lymphocytes T cytotoxicity, induction mechanism, mice 1704.
fection, lymphocytes T immune response, role-histocompatibility antigen H-2, mice chimaeras 5723.
deine,
fects on reovirus mRNA interaction-ribosomal subunits 757.
DTA,
fects on Bombyx mori cytoplasmic polyhedrosis virus stability 672.
fects on N-1 virus replication, Nostoc muscorum 1430.
eatment effects on D-type virus DNA polymerase (RNA-dependent) activity 775.
EG,
anges, lymphocytic choriomeningitis virus experimental infection, mice 4558.
studies, children, studies-diagnosis-herpes simplex virus encephalitis 7273.
studies, Macaca mulatta, kuru 7393.
studies, man, herpes simplex virus encephalitis 6624.
studies, St. Louis encephalitis, case reports 8232.
use-diagnosis-herpes simplex virus encephalitis, man 7274.
Efficiency of plating,
herpes simplex virus 1 DNA, enhancement, herpes simplex virus 1 DNA transformed cells, hamsters 5794.
male-specific phages, Escherichia coli, Clo DF13 genes effects on 5580.
Egg-drop syndrome,
aetiology, adenovirus (avian), chickens 6741.
chickens, New Zealand 8369.
Egg yolk fluid,
chickens, stabilization-DNA polymerase (RNA-dependent), C-type particles isolated-MOPC-315 cells 6345.
Eggplant mosaic virus,
relationship-dulcamara mottle virus strains 3425.
RNA, translation, reticulocyte lysate/wheat germ extracts 3478.
RNA, translation, wheat germ cell-free system 4839.
RNA homology-turnip yellow mosaic virus/Andean potato latent virus, use-hybridization 645.
Eggs,
production, chickens, adenovirus (avian) infection pathogenicity 3311.
Egtved virus,
infection, histology/immune response/pathology, Salmo gairdneri 8360.
Egypt, Arab Rep.,
enterovirus aetiology, diarrhoea, children 1856.
Rous sarcoma virus antibodies incidence, chickens 2525.
Egypt bee virus,
characterization/isolation-Apis mellifera 6852.
Ehrlich ascites tumour cells,
interferon treated, mRNA accumulation 7904.
mice, interferon production 1637.
Eidolon helvum,
herpesvirus derived from, experimental infection-mice, pathogenesis, role-interferon 1640.
Elaphe guttata,
C-type virus characterization/isolation, rhabdomyosarcoma 7254.
Electric currents,
effects on phages/viruses, review 3103.
resistance, Rous sarcoma virus induced tumours, comparison-normal tissues, chickens 7229.
Electrical birefringence,
phage T2/phage T6 tail fibres 4715.
tobacco mosaic virus 2842.
Electrolytes,
studies, children, Tanzania, measles virus associated gastroenteritis 400.
Electron microscopy,
baculovirus penetration/release/replication, insects/insects cell lines 4731.
Baku virus infected fibroblasts, chicks 7541.
beet yellows virus infection ultrastructure, Chenopodium hybridum 2046.
Bombyx mori flacherie virus capsids structure 75.
chloris striate mosaic virus virions 3423.
comparison-hepatitis B surface antigen/serum lipoproteins-man 1593.
defective herpes simplex virus 1 DNA 40, 623.
detection-hepatitis B core antigen/hepatitis B surface antigen,

Electron microscopy,(continued)
liver biopsy, man 3533.
detection-rotavirus, faeces, cattle 6734.
detection-tobacco necrosis virus, Humulus lupulus 8435.
diagnosis-cytomegalovirus infection, infants 3156.
diagnosis-viruses diarrhoea, faeces, man 2534.
diagnosis-viruses infection, comparative studies 189.
diagnosis-yellow fever, immunofluorescence, diagnosis-yellow fever 3721.
differential diagnosis-epidermodysplasia verruciformis/warts, man 2511.
embryo cells, chickens, rabies virus infection 4622.
Friend leukaemia virus infected spleen cells 7240.
hypochoeris mosaic virus inclusions, Nicotiana clevelandii cells 1302.
immune complexes, hepatitis B surface antigen + antibodies, methodology 4951.
mammary tumour virus/murine leukaemia virus replication/budding, cell lines, Mm5mt/c_1 cells 797.
Moloney leukaemia virus RNA splicing 634.
phage λ/phage T4 DNA, use-phosphotungstic acid 1355.
phage-like particles detection, Treponema 5474.
phage T4 capsid protein 4011.
radiation (u.v.) inactivated Sendai virus induced cell fusion, fibroblasts-man/cells-hamsters 4626.
rotavirus antigens detection, faeces, cattle, juveniles 4987.
Rous sarcoma virus infection, muscles cells, chickens, in vitro 5427.
saliva, bovine papular stomatitis virus detection, cattle 3855.
Sindbis virus membranes glycoproteins 1390.
SV40 chromatin, nucleosomes, arrangement 118.
Tacaribe virus detection, Vero cells, models-arenavirus infection diagnosis 348.
use-diagnosis viruses infection 7271.
virus-like particles, Agaricus bisporus 8428.
viruses, equipment preparation methodology 7509.
viruses infection, diagnosis-eye/skin/genital tract lesions 1823.
viruses morphology 2143.
Electron microscopy (scanning),
cornea, herpes simplex virus keratitis, rabbits 4542.
cytoplasmic polyhedrosis virus infected epithelium cells, Hyphantria cunea 2161.
jejunum, feline panleucopenia virus infection, Mustela vision 3859.
Electron microscopy (transmission),
C-type virus detection, prostate epithelium cells, rats 5837.
critical-point drying, C-type virus morphogenesis, cell culture 1521.
Electron transport chain,
role-phage T4 infection, Escherichia coli 6957.
Electrophoresis,
agarose gel, phage T7 capsids 1415.
detection-potato spindle tuber viroid, Solanum tuberosum 5360.
DNA restriction endonuclease fragments, differentiation-poxvirus strains 627.
identification-phage λ rex gene proteins products 51.
patterns, proteolysis effects on, phage λ proteins 5458.
patterns, serum proteins, hepatitis B effects on, man 5944.
patterns, serum proteins, hepatitis effects on, man 4445.
polypeptides, cowpox virus/monkeypox virus/vaccinia virus/variola virus 5465.
polypeptides comparison, adenovirus serotypes 3404.
proteins, comparison-cucumber green mottle mosaic virus/tobacco mosaic virus 4708.
Electrophoretic mobility,
cowpea mosaic virus 656.
influenza A virus proteins, comparison-strains 1400.
Elephants,
smallpox diagnosis/symptoms/histopathology/prophylaxis/vaccination 8352.
Eliomys tunetae,
Tunisia, West Nile virus/Uukuniemi virus/Bhanja virus seroepidemiology 1225.
Embryo cells,
lung, man, C-type virus induction, uridine (5-iododeoxy) 3715.
man, ornithine decarboxylase activity, stimulation-cytomegalovirus 3442.
Embryos,
cattle, bovine diarrhoea-mucosal disease virus infection pathology 6771.
hamsters, virus-like particles detection 1024.
mammals, viruses infection, review 7281.
mice, SV40 transformation, effects on growth 5792.
pigs, pseudorabies virus infection, transmission risks 6764.
preimplantation, mice, cytomegalovirus infection susceptibility 1999.
tissues, rats, viruses induction-tumours 5776.
Emphysema,
complications-measles, man, case reports 1872.
incidence/treatment, measles complications, man, Zaire 4436.
Encapsidation,
DNA, proteins requirements, phage P22 7021.
efficiency, SV40 variants 4098.
Encephalitis,
association-herpes simplex virus immunoglobulin M 1082.
canine distemper virus, paraffin-embedded tissues, immunofluorescence study 2272.
canine distemper virus associated, modification, antibodies administration, dogs 6783.
ECHOvirus 25, clinical manifestations/computed tomography studies/diagnosis, case reports 7306.
herpes simplex virus, angiography, man, case reports 369.
herpes simplex virus, angiography/computed tomography, relationship-clinical manifestations, case report 5890.
herpes simplex virus, clinical manifestations/diagnosis, man 3737.
herpes simplex virus, computed tomography, correlation-clinical manifestations/pathology, man 3167.
herpes simplex virus, computed tomography, man 3168.
herpes simplex virus, diagnosis, use-EEG studies, children 7273.
herpes simplex virus, diagnosis, use-EEG, man 7274.
herpes simplex virus, diagnosis/prognosis/treatment, infants, case reports 5865.
herpes simplex virus, diagnosis/treatment/symptoms, children 2551.
herpes simplex virus, EEG studies, man 6624.
herpes simplex virus, encephalomyelitis following, case reports/histopathology 8193.
herpes simplex virus, infants, man, effects on future pregnancy 372.
herpes simplex virus, localization mechanisms, hypothesis 7288.
herpes simplex virus, pathogenesis/treatment, man, review 2556.
herpes simplex virus, pathology, man, case reports 2555.
herpes simplex virus, presentation-mania, man, case reports 8199.
herpes simplex virus, treatment, adenine arabinoside/cytosine arabinoside, animal models, rabbits 3263.

IRL©1979

ncephalitis,(continued)
erpes simplex virus, treatment, adenine arabinoside/uridine (5-ethyl-2′-deoxy), mice, comparative studies 3884.
erpes simplex virus 1, central nervous system ultrastructure, rabbits 6085.
erpes simplex virus 1, diagnosis, immunoperoxidase test, man 4398.
erpes simplex virus 1, treatment, disodium phosphonoacetate, administration routes effects on, rats 6086.
erpes simplex virus 1, treatment, guanosine (acyclo), mice 8394.
erpes simplex virus 2, association-genital tract experimental infection, rats 8396.
easles virus, pathogenesis, man, review 7318.
easles virus, pathology, children, case reports 2590.
easles virus, potentiation-experimental allergic encephalomyelitis, hamsters, animal models 7454.
athology, role-immunosuppression, levamisole, case reports 5181.
oliovirus, association-hypogammaglobulinaemia, case reports 8226.
ift Valley fever virus, man, case reports 4432.
ocio virus, man, transmission, role-Passer domesticus 4556.
ubella (congenital), clinical manifestations/pathology, children 2580.
ubella virus, case reports 7310.
emliki Forest virus aetiology, case reports 5925.
iruses, immunoglobulins light chain λ/light chain κ levels/ ratios, man 7395.
ellow fever virus, brain lesions, relationship-mental performance, mice 8408.
ncephalomyelitis,
omplications-vaccinia virus vaccination, case reports 7127.
oronavirus, histopathology, rats 7451.
ollowing herpes simplex virus encephalitis, case reports/ histopathology 8193.
ubacute, demyelination/pathology, rats, induction, murine encephalomyelitis virus 2727.
ncephalomyelitis virus,
xperimental infection, prevention, vaccination ± interferon/ interferon inducers, mice 8393.
ncephalomyocarditis virus,
dsorption, effects on membranes microviscosity, in vitro 3439.
ttachment/permissiveness-pancreas β cells, induced diabetes mellitus susceptible/resistant mice 2091.
onstantinea simplex/Farlowia mollis extracts antiviral activity 288.
iabetes, resistance, genetic analysis, mice 534.
ouble-stranded RNA, melting/reassociation 2786.
xperimental infection, heart blood vessels pathology, mice neonates 4549.
enomes linked proteins, comparison-poliovirus 1389.
duced diabetes, islet cells quantitation, immunofluorescence, mice 3891.
duced diabetes, pathogenesis, role-immune response, mice 8402.
duced RNA polymerase (RNA-dependent), activity, inhibition, Krebs II ascites cells components antibodies 4122.
fected Krebs II ascites cells, mRNA containing ribonucleoproteins, characterization 4748.
fected L cells, polynucleotide adenylyltransferase activity 692.
fection, antibodies levels/types, mice/pigs/rats 3315.
fection, leucocytes (neutrophilic) effects on, cell culture 5738.
infection, resistance, mice, enhancement, Mycobacterium tuberculosis, mechanisms 3892.
isolation, Phasianus colchicus, Czechoslovakia 1221.
protein biosynthesis, effects on membranes permeability, 3T6 cells 2863.
replication, enucleation, ascites cells 6271.
replicative form RNA, translation, cell-free system 4800.
RNA, covalent bonding-proteins 7612.
mRNA, degradation, interferon treated HeLa cells, specificity, mechanisms 7732.
RNA, electron microscopy/mapping 3995.
RNA, infectivity, amphotericin B methyl ester effects on, L929 cells 3436.
RNA, poly (C) tracts, location/sequence 6208.
RNA, 3′-terminus nucleotide sequences 42.
RNA, translation, reticulocyte lysate, kinetics analysis 6333.
RNA biosynthesis inhibition, relationship-2′,5′-oligo (A) polymerase activity, interferon treated HeLa cells 6463.
RNA translation in vitro, comparison-tick-borne encephalitis virus 2891.
role-diabetes mellitus, review 7320.
Encephalopathy,
association-immunosuppression, man, measles virus 402.
haemodialysis, man, role-slow viruses infection 2671.
incidence/treatment, hepatitis A/hepatitis B, man 7370.
Endo-rhamnosidase,
specificity, phage P22 7672.
Endocardial fibroelastosis,
virus-like particles identification, children, case reports 3163.
Endodeoxyribonuclease,
activity, Rous sarcoma virus/avian myeloblastosis virus 59.
KB cells, adenovirus (human) 2 DNA cleavage 39.
Endometritis,
man, herpes simplex virus, case report 367.
parvovirus, treatment, pigs 8391.
Endometrium,
cells, cattle, bovine diarrhoea-mucosal disease virus/bovine syncytial virus isolation 2765.
Endonuclease,
activity, foot-and-mouth disease virus 55.
characterization, associated-avian myeloblastosis virus DNA polymerase (RNA-dependent) 7746.
cleavage sites, SV40 chromatin 2121.
cleavage specificity/mechanisms, adenovirus (human) 2 infected cells 6985.
role-phage R4 restriction-modification, Streptomyces albus 2248.
sites mutants, proteins characterization, polyoma virus DNA 6199.
Vigna mungo, cleavage-phage T7/phage gh-1/phage PM2 DNA 31.
Endonuclease α,
Saccharomyces cerevisiae, activity, radiation (u.v.) treated phage T7 DNA 2114.
Endopeptidase,
characterization/isolation, phage Vi lysate, Salmonella typhi 1469.
Endoplasmic reticulum,
abnormal, liver cells, Pan troglodytes, hepatitis (non A, non-B) 7458.
Sindbis virus envelopes glycoproteins insertion 6337.
Endoscopy,
hepatitis B virus transmission risks, man 1162, 2652.
Endotoxins,
effects on immune response (cell-mediated), mice, viruses reagents 7994.
gram-negative bacteria, induction-interferon, in vivo 2361.

Endotoxins,(continued)
induction-interferon, yield, interferon pretreatment effects on, cell lines, rabbits 5645.
Enflurane,
treatment-herpes simplex virus recurrent infection, man 2662.
Entamoeba histolytica,
amoebiasis, epidemiology, role-virus-like particles 6116.
Enteritis,
cattle, juveniles, adenovirus (bovine) 7 aetiology 4524.
cattle, rotavirus antigens detection, immunodiffusion, faeces 2258.
coronavirus/parvovirus aetiology, dogs, review 8366.
dogs, bone marrow/intestine histopathology, comparison-feline panleucopenia 8348.
parvovirus, histopathology, dogs 8350.
parvovirus aetiology, dogs 7401.
parvovirus aetiology, dogs, juveniles 7402.
role-mouse hepatitis virus isolates, infants, mice 6850.
viruses aetiology, children, review 8182.
Enterobacter cloacae,
phage C2/phage C2F classification/morphology 2.
Enterobacteriaceae,
heavy metals resistance plasmids transfer, phages 3501.
Enterocolitis (nectrotizing),
associated-blood transfusion, children, role-viruses 8180.
Enterotoxins,
Staphylococcus aureus, induction-interferon, lymphocytes, man 1623.
Enterovirus,
aetiology, diarrhoea, children, Egypt, Arab Rep. 1856.
aetiology, hand-foot-and-mouth-disease, man 6640.
aetiology, vulvovaginitis, children 6623.
association-gastroenteritis, infants 1134.
concentration, water, adsorption, methodology 4507.
concentration/detection, meat 569.
detection, water supplies, methodology 2622.
detection/incidence, shellfish, review 2619.
detection/pollution, water 3225.
epidemiology, man, India, review 8281.
heat inactivation, wastewater sludge 5283.
inactivation, chlorine 7199.
incidence, canals/coastal waters 3786.
incidence, sewage, marine pollution 2621.
infection, children, institutions, USA, Pennsylvania 5969.
infection, epidemiology, children, India 5247.
infection, epidemiology/pathology, man, review 5918.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4472.
isolation, landfills leachates, waste disposal 2620.
meningitis, control/diagnosis/epidemiology, man 2537.
meningitis, hearing loss complications, case surveys 1075.
microbial contamination, MED, Black Sea/Romania, Danube R. 3222.
pollution, coastal waters 8279.
removal, water, sand filtration 6011.
role-diarrhoea (traveller's), military personnel, Korea, Rep. 6645.
survival, water/soil 3224.
survival-estuaries/coastal waters 3223.
temperature stability, modification, identification-detergents, wastewater sludge 5282.
water supplies pollution, public health aspects 5251.
Enterovirus (bovine),
characterization/isolation, cattle, juveniles 6947.
cytopathology, RNA biosynthesis absence effects on, in vitro 6170.
inactivation, aeration, slurry 2716.
infection, sheep kidney cell culture, acid phosphatase release-lysosomes/cytopathology 7537.
replication, BHK cells 6272.
Enterovirus (bovine) 1,
association-infertility, cattle 6052.
Enterovirus (human) 70,
aetiology, conjunctivitis (acute haemorrhagic), man, India 387.
eye infection, treatment, interferon, man 2350.
neutralization, GMK-AH1 cells/RD cells/Vero cells 5635.
replication, cell culture, interferon/temperature/cells effects on 680.
role-conjunctivitis outbreaks, man, Thailand 8224.
Enterovirus (human) 71,
aetiology, poliomyelitis-like disease, man, Bulgaria 1105.
seroepidemiology, children, Japan 6679.
Enterovirus (porcine),
detection/strains identification, immunoperoxidase test 6415.
isolation, slurry/soil/water 1980.
strains, structural protein 2135.
vaccines, antibodies specificity, intestinal tract, pigs 2411.
Enteroviruses,
assays, activated sludge 425.
Entomopoxvirus,
characterization/purification 5411.
infection, incidence/role-populations control, Chironomus decorus larvae 6792.
pathology/replication/structure, review 3330.
Envelopes,
charge, relationship-nuclear polyhedrosis virus/granulosis virus infectivity, Pseudaletia unipunctata 3328.
glycoproteins, biological properties/isolation, Friend leukaemia virus 4021.
glycoproteins, biosynthesis, precursors glycosylation absence, Rous sarcoma virus, in vitro 6342.
glycoproteins integration, ultrastructure, ageing effects on, Sendai virus 6953.
phospholipids/proteins, role-Sendai virus haemolysis activity 4039.
reconstitution in vitro, Sendai virus 6938.
subunits morphology, Semliki Forest virus/Sindbis virus 6948.
Enzyme immunoassay,
characterization-influenza A virus matrix protein 2806.
comparison-immunofluorescence/radioimmunoassay, detection-varicella-zoster virus antibodies, man 4909.
detection-cytomegalovirus specific immunoglobulin M, man 6413.
detection-hepatitis B surface antigen 4924.
detection-influenza virus antigensantigens, detection, enzyme immunoassay, influenza virus 3523.
diagnosis-viruses infection, man, review 7056.
ferritin, methodology, man/rats, hepatitis (acute) 3528.
hepatitis B antigen, comparison-radioimmunoassay 195.
hepatitis B surface antigen 1575, 6443, 7870.
hepatitis B surface antigen detection 194.
oncornavirus, cats associated cell membranes antigens 5611.
pseudorabies virus, embryo fibroblasts, chickens 1564.
quantitation-hepatitis B surface antigen antibodies, serum, man 5007.
rabies virus antibodies 2269.
rabies virus antibodies, man 4993.
rubella virus antibodies 2262.
Semliki Forest virus antigens detection, cell culture 5608.
varicella-zoster virus, comparison-complement fixation/immune adherence haemagglutination/neutralization 2942.
viruses, review 7055.

IRL©1979

Enzyme-linked immunosorbent assay,
antibodies-rotavirus, comparison-complement fixation 852.
apple chlorotic leafspot virus 7874.
barley yellow dwarf virus isolates 7095.
bean yellow mosaic virus/cucumber mosaic virus detection, Gladiolus 7086.
carnation mottle virus/carnation yellow fleck virus/citrus tristeza virus/tobacco mosaic virus, micromethods 7876.
citrus tristeza virus/tobacco mosaic virus, repeated use-antibodies-enzymes conjugates 7877.
comparison-immunoelectron microscopy, plum pox virus detection 5690.
cytomegalovirus immunoglobulin G/immunoglobulin M 2939.
detection-citrus tristeza virus 5623.
detection-citrus tristeza virus, Citrus sinensis 7875.
detection-cucumber mosaic virus, Nicotiana 4930.
detection-cytomegalovirus immunoglobulin G antibodies 7063.
detection-hepatitis B surface antigen 7873.
detection-hepatitis B surface antigen, blood, comparison-radioimmunoassay 4229.
detection-immunoglobulin G/immunoglobulin M, use-diagnosis-rubella, man 8170.
detection-mumps virus antibodies 7079.
detection-peach rosette mosaic virus, Vitis 6798.
detection-plum pox virus, incidence, Prunus-2281.
detection-potato virus A/potato virus Y, Solanum tuberosum 4931.
detection/serotyping-Prunus necrotic ringspot virus, Humulus/Prunus 6445.
detection-soybean mosaic virus, Glycine max seeds 4932.
diagnosis-hepatitis B 6431.
diagnosis-maize chlorotic dwarf virus/maize dwarf mosaic virus, Sorghum halepense/Zea mays 3333.
diagnosis-tick-borne encephalitis, man 4219.
foot-and-mouth disease virus 4215.
hepatitis A outbreaks 8312.
hepatitis A virus 863.
hepatitis A virus antibodies 7081.
hepatitis B antigen 6441.
hepatitis B e antigen 6436.
hepatitis B surface antigen 6430, 7871.
hepatitis B surface antigen, comparison-haemagglutination/radioimmunoassay 5619.
hepatitis B surface antigen, comparison-radioimmunoassay 4231.
hepatitis B surface antigen, hepatitis, man 869.
hepatitis B surface antigen/antibodies 3530.
hepatitis B surface antigen antibodies 5618.
influenza A virus/influenza B virus/parainfluenza virus 1 antibodies, comparison-haemagglutination inhibition 4225.
influenza virus antibodies 5614.
iridescent virus 21/iridescent virus 22/iridescent virus 23/iridescent virus 25/iridescent virus 28 6426.
potato virus Y/tobacco rattle virus detection, Solanum tuberosum/Nicotiana tabacum 871.
pseudorabies virus, diagnosis-pseudorabies, pigs 2254.
reovirus antibodies 4912.
rotavirus 3228.
rotavirus 6417.
rotavirus (bovine)/antibodies 2945.
rotavirus antibodies 5603, 6416.
rotavirus antigens detection, faeces, cattle, juveniles 4987.
rotavirus infection immune response, man 2257.
rubella virus antibodies 3512.
rubella virus immunoglobulin G 2947.
soybean mosaic virus/tobacco ringspot virus infection, Glycine max 4934.
viruses antibodies, false-positives elimination 4905.
Enzymes,
liver, Mustela putorius, influenza virus infection + aspirin intoxication effects on 5345.
Epidemic diarrhoea of infant mice virus,
haemagglutination 1602.
morphology/biological properties 1423.
Epidemic myalgic encephalomyelitis,
role-viruses, man 360.
Epidemic nephropathy,
relationship-Korean haemorrhagic fever, man, Scandinavia 4442.
Epidendrum,
Guatemala/USA, Florida, Cymbidium mosaic virus/Odontoglossum ringspot virus incidence 5384.
Epidermal growth factor,
receptors, 3T3 cells cell variants lacking, Kirsten sarcoma virus transformation susceptibility 331.
Epidermis,
growth factors, receptors, kidney cells, rats, Kirsten sarcoma virus temperature-sensitive mutant transformation effects on 8125.
keratinocytes, man, differentiation/growth, SV40 infection effects on, relationship-antigen T expression, in vitro 3386.
Epidermodysplasia verruciformis,
diagnosis/electron microscopy, man 2511.
lesions/prognosis, correlation-papilloma virus (human) strains, man 8144.
malignant transformation, contraindications-treatment, man 3707.
Epididymitis,
cattle, associated viruses, comparison-bovine rhinotracheitis virus 4520.
Epilachna varivestis,
transmission-blackgram mottle virus 7642.
virus-like particles characterization/isolation 8419.
Epinephrine,
treatment-herpes simplex virus recurrent infection, man 2661.
treatment-viruses croup 2659.
Epizootic diarrhoea of infant mice virus,
differentiation-mouse hepatitis virus/reovirus 3, immunoperoxidase test, in vitro 2944.
Epizootic haemorrhagic disease of deer virus,
antigenic relationship-bluetongue virus/Ibaraki virus 1585.
replication associated tubules, physicochemical properties, cell culture 5502.
Epizootiology,
world-wide, viruses diseases, animals 8365.
Epstein-Barr virus,
activated lymphocytes B, man, herpes simplex virus replication 5498.
activation-lymphocytes B, man 7981.
aetiology, Burkitt's lymphoma/infectious mononucleosis/nasopharynx tumours 7261.

aetiology-infectious mononucleosis, man 5910.

antibodies, assays, nasopharynx tumours, Chinese 5854.
antibodies, detection, children 6513.
antibodies, detection, immunofluorescence, man 4983.
antibodies, detection, nasopharynx tumours 2518.
antibodies, detection, nasopharynx tumours, man 2520.
antibodies, detection, rheumatoid arthritis, man 6631.
antibodies, levels, ataxia-telangiectasia/Behcet's disease/immunodeficiency, man 5031.

Epstein Barr virus,
antibodies, levels, relationship-recurrence, head and neck tumours, man 3713.

antibodies, nasopharynx tumours, man 1816.
antibodies, relationship complement C1Q binding activity, nasopharynx tumours patients 5720.
antibodies, role infectious mononucleosis diagnosis, man 5032.
antibodies excretion/levels, Hodgkin's disease, children 1815.
antibodies incidence, hepatitis (non-A, non-B), man 7296.
antibodies incidence, nasopharynx tumours, man, Sudan 5165.
antibodies levels, diagnosis-infectious mononucleosis, man 2435.
antibodies levels, infectious mononucleosis, man 5035.
antibodies levels, relationship-prognosis, nasopharynx tumours, man, Africa 3150.
antibody-dependent cell-mediated cytotoxicity, antibody response kinetics, infectious mononucleosis, man 7982.
antigens, detection, lymphocytes, Hodgkin's disease/infectious mononucleosis/tonsillitis, man 262.
antigens/antibodies detection, immunoperoxidase 851.
antigens/antibodies levels, children, Ghana 4309.
associated antigens, detection, lymphoblastoid cell lines, Herpesvirus papio producer cells 7534.
association Burkitt's lymphoma, man, review 4390.
association-Burkitt's lymphoma, man, Uganda 1055.
association-nasopharynx tumours, Alaskans 2519.
association-nasopharynx tumours, man, review 4392.
atypical infection, man, case reports 382.
capsid antigen antibodies levels, infectious mononucleosis/systemic lupus erythematosus, man 6517.
carriers lymphoblastoid cell lines/leukaemia (plasma cell) cell lines, establishment/characterization/comparison 579.
carrying cell lines, Herpesvirus papio superinfection, inhibition DNA biosynthesis 4747.
carrying lymphoblastoid cell lines, tumorigenicity, athymic nude mice, relationship-karyotypes 8066.
carrying lymphoid cells, surface antigens detection 201.
chronic infection, man, review 7291.
circular DNA, size, lymphoblastoid cell lines derived from infectious mononucleosis, man 3396.
conversion Burkitt's lymphoma cell lines, effects on growth, agarose 5101.
derived from Burkitt's lymphoma, characterization/transformation ability 1814.
detection, Hodgkin's disease cell lines 7.
DNA, integration Burkitt lymphoma cells 7724.
DNA, restriction endonuclease cleavage 626.
DNA, sequence variability 7587.
DNA, tandem repeated sequence, mapping 7588.
DNA, termini, detection-repeated sequence 6207.
DNA, transformed cells, nucleosomes structure 3668.
DNA polymerase, characterization/purification 1483.
early antigen biosynthesis, mechanisms/phosphonoacetic acid effects on, lymphoblastoid cell lines 3463.
early antigen induction, superinfection/uridine (5'-iodo-2'-deoxy) treatment, positive lymphoma cell lines 580.
early antigen production/characterization 1582.
entry/uncoating, Daudi cells, electron microscopy 1439.
envelopes, antigens, characterization 5626.
experimental infection, antibody response, Calithrix jacchus jacchus/Saguinus oedipus/Saimiri sciureus 3888.
expression, cells-mice x cells derived from nasopharynx tumours 581.
expression, Raji cells, enhancement, chloroquine 2087.
expression/transformation, adenosine/uridine analogues effects on 5795.
genomes, association-man chromosomes, cell hybrids 582.
genomes, detection, permanent cell lines derived from hairy cell leukaemia, man 5852.
genomes, mapping-DNA coding RNA fractions 2122.
immune response (cell-mediated), relationship-symptoms, infectious mononucleosis, man 3075.
immunity (cell-mediated), depression, nasopharynx tumours, man 5855.
immunity (cell-mediated), relationship-immunity (humoral), lymphoma patients 3623.
immunoglobulin A/immunoglobulin G antibodies levels, nasopharynx tumours, man 6603.
immunoglobulin M antibodies, immunofluorescence (indirect), false-positives, role-rheumatoid factor, man 7065.
inactivation, radiation (u.v.), early antigen expression, nonproducer cells, caffeine effects on 2764.
induced antigens, membranes, solubilization, papain, Raji cells 881.
induced DNA polymerase, characterization 2888.
induced membranes antigens, characterization/isolation, lymphoid cells, man 8157.
inducibility, Raji cells non-producer cells clones 8063.
induction, aminofluorene (N-acetoxy-N-2-acetyl)/diterpenes/hydrocarbons, lymphoblastoid cell lines 3712.
induction, butyrate, nonproducer cells 5500.
induction, Raji cells, inhibition-retinoic acid 5422.
induction-antigens, lymphoblastoid cell lines, baboons/man, comparison-Herpesvirus papio 1334.
infected lymphocytes B, lymphocytes T cytotoxicity induction, man/in vitro 5030.
infection, antibody response, children, Ghana 4310.
infection, antibody response/clinical manifestations, infants, USA 8213.
infection, association-arthritis, man 7299.
infection, association-graft-versus-host reaction symptoms, bone marrow transplantation, man 4311.
infection, association-lymphoma, kidney transplantation, man, case reports 381.
infection, association-rheumatoid arthritis, man 3173.
infection, diagnosis, man 2535.
infection, effects on tumours cell lines tumorigenicity, athymic nude mice 8064.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4465.
infection, immune response (cell-mediated), man 955.

infection, immune response (cell-mediated), review 7171.

infection, immune response, man 7984.

infection, immunosuppression, man 7983.

infection, lymphocytes, man, review 4314.
infection, lymphocytes B/lymphocytes T, Macaca cyclopis 3960.
infection, relationship-immunodeficiency/lymphoma, man 3624.
infection, role-Burkitt's lymphoma, man, review 2515.
infection, role-Burkitt's lymphoma/nasopharynx tumours, immunological aspects, man, review 1813.
infection, role-lymphocytes B lymphoma, man 1054.
infection, role-nasopharynx tumours, man, review 2517.
infection, target cells identification, ataxia telangiectasia/Burkitt's lymphoma, man 5719.
inhibition-DNA metabolism, lymphocytes B, use-viruses

IRL©1979

Epstein-Barr virus,(continued)
quantitation 1446.
nteraction-lymphocytes, man 4312.
nteraction-lymphoid cells, fluorescence polarization studies 3435.
nixed infection-cytomegalovirus, association-mononucleosis, man 5907.
nyocarditis, infectious mononucleosis, children, case reports 5909.
negative Burkitt's lymphoma cell lines, detection-oncornavirus like particles 7266.
negative malignant cell lines derived from Hodgkin's disease, establishment 6871.
nonproducer cells establishment 6872.
nuclear antigen, characterization/purification, Raji cells, man 5464.
nuclear antigen, cross-reactivity Herpesvirus papio nuclear antigen 7879.
nuclear antigen, detection, Burkitt's lymphoma, man, Japan 2516.
nuclear antigen, DNA binding properties, fixed nuclei, chromatography studies 2288.
nuclear antigen, presence, nasopharynx carcinoma, man 1057.
nuclear antigen, solubilization-Raji cells chromatin, hydroxyapatite/salt/urea fractionation 1583.
nuclear antigen, stimulation-transcription, cell lines, man 6287.
nuclear antigen detection, modified immunofluorescence 5601.
nuclear antigen/genomes, association-chromosomes, hybrid cells 1428.
nuclear antigen induction, absence-transformation, lymphocytes, man 2959.
nuclear antigen positive cell lines, man, alkaline phosphatase characterization/production 2088.
nuclear antigens, purification/characterization 200.
plaque-forming cells response, infectious mononucleosis, man 7172.
positive Burkitt's lymphoma, chromosome aberrations, man 7262.
positive lymphoblastoid cell lines, autologous lymphocytes stimulation, man 263.
positive lymphoblastoid cell lines, chromatin c.d./RNA polymerase activity 2089.
positive nasopharynx tumours, Epstein-Barr virus negative lymph nodes, absence-malignancy/association-chromosome 14 5164.
positive Raji cells, surface extracts, antigenic characteristics 4241.
producer cells, antigens, characterization 5626.
receptors, complex-complement C3 receptors, relationship-lymphocytes B specific glycoproteins expression, Burkitt's lymphoma cell lines 5421.
receptors activity, cell-free extracts, lymphoblastoid cells, man 1438.
receptors levels, Epstein-Barr virus negative lymphoma cell lines, conversion effects on, relationship-biological properties-viruses-converion 4617.
replicating, DNA detection, use-hybridization 136, 751.
replication, D98/HR-1 cells/Raji cells, associated altered ribonucleoside-triphosphate reductase activity 750.
RNA, occurrence-Burkitt's lymphoma 4118.
role-Burkitt's lymphoma/infectious mononucleosis, man, Africa/Papua New Guinea 5851.
role-Burkitt's lymphoma/nasopharynx tumours, man 6604.
role-fever, man 5188.
role-Hodgkin's disease aetiology, man, Brazil 1056.
role-liver diseases, man 5908.
role-lymphoblastoid cell lines extracts effects on herpes simplex virus 1 replication 3379.
role-nasopharynx carcinoma aetiology 343.
role-nasopharynx tumours, man 3714, 8155.
role-tumours, association-immunocompetence sex linkage, man 7263.
specific antibodies, detection, nasopharynx tumours patients 8158.
specific killer cells, detection, infectious mononucleosis patients 6516.
stimulation/transformation-lymphocytes B, derived from rheumatoid arthritis patients, in vitro 3381.
transformation, effects on cell surface glycoproteins, lymphoblastoid cell lines, man 8156.
transformation, induction-lymphoblastoid cell lines, characteristics/establishment 1761.
transformation, leucocytes, man, regression, role-immunity (cell-mediated) 4313.
transformation, lymphoblastoid cell lines, antibodies production/establishment 8065.
transformation, lymphocytes B, man, blastogenesis/DNA biosynthesis/nuclear antigen biosynthesis 6572.
transformation, lymphocytes B lymphoma cell lines, relationship-complement activation alternative pathway, man 3117.
transformation, normal/DNA repair defective human leucocytes 1010.
transformed lymphoblastoid cell lines, autologous lymphocytes cytotoxicity, induction-allogeneic sensitization, man 261.
transformed lymphoblastoid cell lines, lysosomal acid hydrolase activity 2468.
transformed lymphocytes, tissue typing-cytotoxicity/mixed leucocyte reaction/primed lymphocyte typing 6573.
transmission, blood transfusion, man 7345.
Equine infectious anaemia,
clinical manifestations/diagnosis/epidemiology, horses 7430.
diagnosis, immunodiffusion, horses 3514, 6581.
diagnosis/control, horses 2678.
diagnosis/epizootiology/control, horses, USA, review 1953.
disease spread/incidence, horses, Paraguay 2709.
horses, case reports 6582.
incidence, horses, Australia 6758, 6759.
incidence, horses, USA, Louisiana 6071.
morbidity, mathematical models, horses 2691.
outbreaks control, horses, Austria 6580.
Equine infectious anaemia virus,
adaptation-skin cell lines, horses, titration-infectivity 5428.
antibodies, detection, immunodiffusion, horses 3515.
complementary DNA biosynthesis 4137.
haemagglutinin, characterization/preparation 2075.
infection, antibody response, specificity, horses 5732.
infection, cytotoxicity, horses 7997.
proteins, antisera production, rabbits 3516.
seroepidemiology, horses, Argentina 517.
seroepidemiology, horses, Australia 2710.
structural protein, characterization 1393.
Equine infectious arteritis,
outbreaks, horses, USA, Kentucky 1226.
Erannis defoliaria,
Germany, Fed. Rep., nuclear polyhedrosis virus infection incidence 6793.
Erwinia carotovora,
enumeration, soil, use-phages 4889.

Erwinia herbicola,
phage E3/phage E16P/phage E16B classification/morphology 2.
Erythema multiforme,
man, role-herpes simplex virus infection 370.
role-herpes simplex virus, man 5891.
Erythroblastaemia,
small-for-gestational age infants, role-coxsackievirus/cytomgalovirus/herpes simplex virus 5904.
Erythrocebus patas,
herpesvirus (simian) infection, treatment, phosphonoacetic acid 530.
Erythrocytes,
antibodies, role-autoimmune haemolytic anaemia + hepatitis (chronic active), case reports 4447.
cell fusion, Sendai virus induced 6879.
colonies, induction, Friend leukaemia virus infection-haematopoietic cells, mice 2767.
frozen, risks-hepatitis B virus transmission, chimpanzees 2649.
ghosts, cell fusion, induction-Sendai virus 7549.
ghosts, Sendai virus induced cell fusion, role-spectrin 5441.
glycoprotein composition, interaction-Sendai virus 6282.
human, potassium release/membrane potential, Sendai virus effects on 206.
interaction-influenza virus 3438.
man, acetylcholinesterase activity, adenovirus (human) induced haemagglutination effects on 3551.
man, adenovirus (human) induction-lipids changes 1437.
receptors-myxovirus, role-sialic acid 6459.
sheep, immunoglobulin G/immunoglobulin M antibody response, mouse hepatitis virus infection, mice, nude mutant 8002.
trypsin treated, man, use-rubella virus haemagglutination inhibition 2260.
Erythroid cells,
precursors, Friend leukaemia virus/Rauscher leukaemia virus transformed, differentiation 5826.
Erythroleukaemia,
cell lines, Friend leukaemia virus/Rauscher leukaemia virus transformed, differentiation, phorbol esters/12-O-tetradecanoylphorbol-13-acetae effects on 4369.
Friend leukaemia virus induced, immunotherapy, allogeneic leukaemic spleen cells, mice 3689.
induction, Friend leukaemia virus, lymphocytes T deficient mice 8111.
murine leukaemia virus induced, immunotherapy-Listeria monocytogenes, mice 5131.
spontaneous regression, mice, relationship-Friend leukaemia virus infection-macrophages 5828.
Erythropoiesis,
associated-hepatitis (non-A, non-B), man, case reports 3771.
during chemotherapy, Friend leukaemia virus infected mice 8110.
Erythropoietin,
responsiveness, Friend leukaemia virus replication/transformation target cells, mice 1787.
Escherichia coli,
agglutinins, association-hepatitis B surface antigen positive/negative hepatitis 1881.
antibacterial activity, 5-nitrofuran derivatives effects on 4193.
capsules, phage K29 adsorption/penetration 5511.
carrying Col factors, amino acids/sugars transport, phage T5 nonpermissive infection effects on 5596.
carrying Col factors, macromolecular biosynthesis/membranes, phage T5 nonpermissive infection effects on 5597.
carrying plasmid RM98, inheritance-phage IKe 4201.
cauliflower mosaic virus DNA cloning 2790.
cell-free system, Caulobacter crescentus phage φCp2 translation 1458.
cell-free system, phage M13 DNA biosynthesis, DNA-unwinding protein effects on 6302.
cell walls, modification, effects on adsorption/replication, phage T4 4058.
cell walls amino acids, effects on phage T2 infectivity 84.
chromosomes, phage Mu integration, mechanisms 6301.
chromosomes deletions, stimulation, phage Mu prophages 843.
chromosomes replication origin, transduction, phage λ 2933.
Clo DF13 genes, effects on male-specific phages efficiency of plating 5580.
cloning, genomes-hepatitis B virus DNA 4192.
cloning, poloyma virus DNA, use-plasmids vectors 4873.
cloning, polyoma virus DNA, use-phage λ vectors 4874.
ColIb carrying, phage BF23 nonpermissive infection, mechanisms 7837.
combined vaccines-Newcastle disease virus, efficacy, chickens 2424.
contamination-hepatitis B e antigen positive serum, elimination-associated DNA polymerase 4923.
cyclopropane fatty acids biosynthesis, phage T3 infection effects on 6961.
dam mutant, effects on phage λ induction, radiation (u.v.) 2244.
deoxyribose operon, phage λ insertion, transducing phages isolation 3508.
DNA, phage λ integration, regulation, genetic analysis 5559.
DNA-binding protein, role-phage φX174 DNA biosynthesis 5495.
DNA-binding proteins, interaction-phage fd DNA, fluorescence 1452.
DNA biosynthesis/protein biosynthesis/RNA biosynthesis, phage T-even infection effects on 7849.
DNA biosynthesis temperature-sensitive mutant, phage λ prophages replication 702.
DNA gyrase, interaction-phage PM2 DNA, mechanisms 709.
DNA gyrase, interaction-phage T4 DNA-delay gene products 4090.
DNA gyrase, role-phage T7 DNA replication/transcription 4092.
dna mutant, phage φC DNA biosynthesis 1457.
dna mutant, phage φX174 DNA biosynthesis 6304.
dna mutant, phage G13 DNA replication 698.
dna mutant, phage G4 replicative form DNA replication 7658.
DNA polymerase associated exonuclease defective mutant, inhibition-phage M13 replication 3448.
dnaB gene proteins, association-phage P1 ban gene proteins 710.
dnaB gene proteins, relationship-phage P1 dnaB gene analogues proteins 7848.
effects on phosphorylation, man 4446.
enzymes, insertion-purines, phage PM2 DNA 4645.
experimental infection, abomasum lesions pathology, cattle, juveniles 5336.
galT gene, phage λ sites specific recombination 4074.
gene mapping, use-phage λ/phage P1 6398.
genes, transduction, phage Mu, review 3509.
hepatitis B virus DNA cloning 6921.
infection-phage T4, role-protonmotive force 5595.
interaction-phage T2, models 2938.
intracellular phage T1, radiation (u.v.) resistance, chloramphenicol/cyanide effects on 3975.

IRL©1979

Escherichia coli,(continued)
lac gene, fusion-deoxyribose operon, use-phage Mu 7842.
lysis, phages ghosts, assays 2922.
lysogeny, phage λ, induction, radiation (u.v.), diaminopimelic acid requirements 1554.
lysogeny, phage λ cIII gene mutants characterization 4897.
lysogeny, phage P2 temperature-sensitive mutant 2936.
membranes fractions, integration-phage f1 coat protein 4844.
membranes proteins, phage PA-2 lysogeny effects on 4899.
minicells, phage λ protein biosynthesis, use-early proteins identification 1453.
minicells, phage M13 protein biosynthesis/RNA biosynthesis 2872.
mop gene, gene mapping/role-phage λ/phage T4 morphogenesis 4209.
mutants, differential methylation-phages DNA 7828.
mutants, dnaJ gene/malA gene, effects on phage λ adsorption 3433.
mutants, effects on phage P4 activation-phage P2 genes 3449
mutants, effects on phage T4 amber mutant recombination frequency 2223.
mutants, phage α3 replication 2931.
mutants, phage λ receptors, genetic analysis 4055.
mutants, phage φK replicative form DNA replication 4077.
mutants, phage Mu DNA ligase activity 5519.
mutants, phage T7 DNA packaging 7022.
nalA gene, transduction, phage λ 4204.
ompA mutant, phage K3/phage TuIII receptors 6278.
operators mutants, effects on phage λ lysis, genetic analysis 7841.
phage λ cro gene, cloning 4165.
phage λ DNA biosynthesis, interference, phage P2, role-old gene 95.
phage λ DNA complex-membranes, isolation 2869.
phage λ integration studies-potassium transport, kdp gene regulation/organization 187.
phage λ lysogenic, induction/transduction, phage T1 6399.
phage λ/phage Mu prophages, DNA replication termini, mapping 6297.
phage λ prophages induction, radiation (u.v.) + 8-methoxypsoralen 1555.
phage λ receptors, cell envelopes, characterization/localizaton 7649.
phage λ receptors, characterization, comparison-porins 6277.
phage λ receptors, role-protein Ia/protein lamB 3434.
phage λ receptors, structure 6959.
phage λ receptors characterization 5512.
phage λ receptors characterization/purification 2853, 7650.
phage λ resistant, phage λ DNA transfection β-galactosidase genes 3506.
phage λ rex gene effects on lysogeny 5585.
phage φX174 H gene mutants infected, DNA biosynthesis 4078.
phage DDII/phage DDVI/phage DDVII restriction-modification, specificity 7043.
phage Fd, restriction-modification, recognition sites, nucleotide sequence 4895.
phage l DNA transfection, polyethylene glycol effects on 7047.
phage MS2 protein biosynthesis, initiation complex assembly, role-ribosomal proteins 4076.
phage Mu adsorption, genetic regulation 2854.
phage Mu DNA + R factor RP4 cotransfer, Agrobacterium tumefaciens 1557.
phage Mu induced DNA modification, requirements 1556.
phage Mu-1 integration, mechanisms 2245.
phage N4 DNA transcription complex, characterization 7666.
phage N4 DNA transcription complex, location 7667.
phage P1 lysogeny, maintenance, role-plasmids 5590.
phage P1 prophages, incompatibility-hydrogen sulphide production/tetracycline antibiotic resistance plasmids 5591.
phage P2 lysogenic, sensitivity, radiation (X) 5592.
phage Qβ formation, phage Qβ DNA containing plasmids 813.
phage TC45/phage TC23 membrane protein receptors 1435.
phage typing, R form, diagnosis-urinary tract infection 7834.
phage T3 lysis mutants 171.
phage T4 induced thioredoxin, structure 2875.
phage T4 infected, DNA precursors, nucleoside monophosphates/nucleoside triphosphates, compartmentation 108.
phage T4 infected, proteins release, outer membranes 5594.
phage T4 infection, effects on zinc transport/metabolism 88.
phage T4 receptors, role-lipopolysaccharides/proteins 2855.
phage T4 receptors characterization 4059.
phage T5 DNA penetration polarity 6279.
phage T7/phage T3 modification, prevention, ocr gene 6407.
phage T7 RNA polymerase, binding-oligonucleotides 2876.
phage ZAR2 characterization/isolation 5475.
phage ZAR2 replication 5476.
phages, DNA repair, sodium bisulphite effects on 4856.
phages, incidence, sewage 5958.
phages adsorption-pili, determination, plasmids 83.
phages/plasmids reactivation, radiation (u.v.) 7791.
phosphatidylserine synthetase, phage f1 coat protein effects on 3445.
plasmids x R factor RSF2124 hybrids integration 6379.
protein E, inactivation-phage K3/phage TC23/phage TC45 4202.
proteins degradation, phage T4/phage T5/phage T7 infection effects on 4742.
rec gene mutants, effects on phage λ prophages induction 2932.
rec gene/uvr gene mutants, reactivation-phage λ 5557.
recA gene products, inactivation-phage λ repressors 2220.
recA gene proteins, interaction-phage fd/phage φX174 DNA 5448.
recB mutant, phage λ red gene induction-recA gene products 2915.
receptors genes, phage λ carrying, construction 5554.
rep gene proteins, catalysis-phage φX174 DNA strand separation 101, 102.
resistance phage P1 superinfection, mechanisms, genetic analysis 4170.
restriction, involvement-phage T1 DNA methylation 4764.
restriction endonuclease, cleavage-phage fd replicative form DNA 6293.
restriction endonuclease, cleavage-SV40 DNA 617.
restriction-modification, susceptibility, cytosine substituted phage T4 DNA 7572.
rho gene mutants, phage λ replication 5587.
ribonuclease, phage T4 tRNA specificity, characterization/purification 723.
ribonuclease III, cleavage-poliovirus RNA 4676.
ribonuclease III, role-phage T4 tRNA Gln biosynthesis 4769.
ribonuclease III/termination factor rho, effects on phage φX174 RNA biosynthesis 6305.
ribosomal protein L12, biosynthesis, regulation, phage λ DNA, in vitro 5518.
ribosomal proteins, streptomycin operon, promoters mutants, regulation, phage λ transduction studies 1553.
ribosomal proteins binding effects on phage MS2/phage φX174 RNA/DNA structure 703.

Escherichia coli,(continued)
ribosomes, binding phage Qβ RNA, tRNA (formylmethionyl) effects on 6970.
ribosomes function, regulation, phage T4 infection 109.
tRNA, synthesis, phage T4 RNA ligase 111.
tRNA characterization, phage RB69/phage T2/phage T4/phage T6 infected 1461.
rRNA genes, cloning, phage λ 3490.
tRNA methyltransferase, methylation-tobacco mosaic virus tRNA 1516.
tRNA oligonucleotides fragments, joining, phage T4 RNA ligase 1466.
RNA polymerase, binding-phage λ promoters 2867.
RNA polymerase, complex-adenovirus (human) 2 DNA, poly (I) effects on 6986.
RNA polymerase, interaction phage T7 DNA 114.
RNA polymerase, interaction-phages DNA 3453.
RNA polymerase, phage T7 promoters unwinding 7687.
RNA polymerase, secondary structure effects on phage T3 RNA transcription 5523.
RNA polymerase, transcription-phage fd replicative form DNA 6294.
RNA polymerase, transcription selectivity, phage SPO1 infection effects on 6406.
RNA polymerase binding sites, localization, phage S13/phage φX174 DNA 105.
RNA polymerase binding sites, localization, phage φX174/phage S13 DNA, electron microscopy 2172.
RNA polymerase binding sites phage M13 single-stranded DNA, characterization 704.
RNA polymerase promoters, identification, phage λ DNA 701.
RNA polymerase β subunit biosynthesis, regulation, role, phage λ 841.
rRNA/tRNA, gene mapping, transducing phage λ 3507.
spoT gene, cloning, use-phage λ 7046.
streptomycin resistant mutant, ribosomes, suppression-phage f2 mutants 5548.
suppressors, requirements, phages replication 4894.
temperature-sensitive mutant, capsid protein deficient phage Qβ derived from 4761.
temperature sensitive mutant, lysogeny, phage P2 7052.
temperature-sensitive mutant, phage λ replication 6401.
termination factor rho, role-phage T4 gene expression 726.
transcription/translation genes, transduction, phage λ 5582.
transduction, phage P1/phage P22, plasmids effects on 2935.
transduction, phage T4 mutants 7850.
trpC gene, phage λ attachment sites, nucleotide sequence 4075.
tryptophan operon mRNA degradation, phage λ infection 1552.
urinary tract infection, man, interferon induction 902.
uvr gene, transduction, phage λ 5583.
uvr gene mutants, radioresistance, radiation (u.v.), induction, phage T4 endonuclease V 4065.
Estuaries,
enterovirus survival 3223.
Ethanol,
antiviral activity, coxsackievirus B5 3649.
antiviral activity, ECHOvirus 11/herpes simplex virus 1 5755.
antiviral agents, rhinovirus, hand hygiene 5065.
effects on hepatitis B virus infection, chimpanzees 3903.
Ethepon,
effects on cucumber mosaic virus infection, Cucumis sativus 1282.
Ether,
orbivirus resistance 43.
treatment herpes simplex virus genital tract infection, man 3266.
Ethidium bromide,
effects on adenovirus RNA stability 619.
inhibition-C-type virus induction/production, cells, mice 7002.
interaction-potato spindle tuber viroid RNA 5457.
resistant cells, hamsters, SV40 transformed, growth 5090.
Ethiopia,
Congo virus/Dugbe virus/Jos virus/Thogoto virus isolation, Ixodidae 515.
variola epidemics, man, review 7346.
Ethyl alcohol,
effects on morphology, Dane particles 8024.
Ethyl methanesulphonate,
treatment-phage T4, DNA repair, recombination 7809.
Ethylamine,
antiviral activity, poliovirus 290.
Ethylene,
role-lesions induction, cucumber mosaic virus, Cucumis sativus 6809.
Ethylene glycol,
stabilization-interferon 892.
Eubenangee virus,
resistance, pH/ether/chloroform 43.
Eucharis grandiflora,
viruses characterization/isolation 7501.
Eucharis mottle virus,
relationship-potato black ringspot virus/tobacco ringspot virus strains 6151.
Euphorbia pulcherrima,
viruses infected, buds dormancy, role-growth inhibitors 6812.
Europe,
rabies control/epidemiology/prevention 8383.
rabies ecology/control, animals, economics 520.
rabies epidemiology, man/animals 5983.
rabies epidemiology, man/animals, review 5261.
rabies epidemiology/control 521.
rabies epidemiology/transmission, animals 5322.
rabies transmission, role-Vulpes 3874.
rabies virus antibodies incidence, wildlife 5318.
EV-2 virus,
physicochemical properties/isolation, tumours, Anguilla anguilla 5400.
Evolution,
role-viruses 1526.
Excretion,
bovine rhinotracheitis virus, dexamethasone injection, cattle 1996.
Exonuclease,
activity, characterization, phage PBS2 induced DNA polymerase 2171.
defective mutant, DNA polymerase associated, Escherichia coli, inhibition-phage M13 replication 3448.
phage T7, ribonuclease H activity 727.
Exopolysaccharide depolymerase,
characterization, phages induced, Rhizobium trifolii 1451.
Experimental allergic encephalomyelitis,
potentiation, measles virus encephalitis, hamsters, animal models 7454.
Experimental infection,
coronavirus/Escherichia coli/rotavirus ± Escherichia coli, pathogenesis, dose effects on, cattle, juveniles 4552.
Eye,
atrophy, association-Creutzfeldt-Jakob disease, case reports 6034.
complications, measles virus + mumps virus + rubella virus

IRL©1979

Eye,(continued)
combined vaccines, man, case reports 1676.
enterovirus (human) 70/coxsackievirus A24 infection, treatment, interferon, man 2350.
foetuses, man, rubella (congenital) pathology 5927.
herpes simplex virus infection, diagnosis/pathology/treatment, man 2552.
herpes simplex virus infection, treatment, glucocorticoids, review, man 5287.
herpes simplex virus infection, treatment, surgery, man 5288.
herpes simplex virus infection, treatment, adenine arabinoside, man 6019.
herpes simplex virus infection/reinfection, rabbits, treatment, levamisole 2722.
nfection, incidence, man, Nigeria, association-measles virus/herpes simplex virus 1837.
nfection, viruses aetiology 3736.
nvolvement, Behcet's disease, role-viruses, man 7282.
nvolvement, herpes zoster, man, case reports 8221.
esions, viruses infection, diagnosis, electron microscopy 1823.
man, viruses diseases, review 359.
molluscum contagiosum, conjunctiva/eyelid ultrastructure, comparison, man 4424.
paralysis, associated-herpes zoster ophthalmicus, man, case reports 7303.
retina aneurysm, association-cytomegalovirus retinitis, case reports 4418.
vaccinia virus infection, treatment, adenine arabinoside, case reports 6026.
viruses infection, man, treatment, interferon 2349.
viruses infection, pathology/treatment, man 5192.
Eyelid,
ultrastructure, molluscum contagiosum, eye, man 4424.

F factors,
combination-phage λ, chimaeras 5558.
Faba vulgaris,
taly, broadbean wilt virus identification/isolation 2050.
Factor V,
evels, relationship-prognosis, hepatitis (acute)/hepatitis (chronic active), man 3727.
Factor XIII,
evels, relationship-prognosis, hepatitis (acute)/hepatitis (chronic active), man 3727.
Faeces,
cattle, rotavirus detection, electron microscopy/immunodiffusion/immunofluorescence 6734.
nfants, viruses association 1134.
nfectivity, bovine leukaemia virus infected cattle 5810.
man, hepatitis A virus inactivation, heat treatment 451.
man, hepatitis A virus purification, methodology 572.
man, immunoelectron microscopy, diagnosis-viruses infection 7278.
viruses identification, methodology 5863.
water pollution, detection, phages 5227.
Faeroe Is.,
solation-orbivirus, Ixodes uriae 8418.
Falco sparverius,
erpesvirus characterization/isolation, hepatitis (inclusion body) 6143.
Families,
Creutzfeldt-Jakob disease, case reports 1944.
ver diseases patients, hepatits B surface antigen subtypes clustering 1917.
man, Creutzfeldt-Jakob disease incidence 6030.
role-rotavirus transmission, children 3787.
transmission hepatitis B virus 3829.
Fanafuti Is.,
hepatitis A virus/hepatitis B virus seroepidemiology, man 8315.
Farlowia mollis,
extracts, antiviral activity 288.
Fat body,
Bombyx mori, during moulting, nuclear polyhedrosis virus infection effects on 1277.
cells, ultrastructure, Anticarsia gemmatalis, nuclear polyhedrosis virus infection 7464.
Fatty acids,
composition, membranes, SV40 transformed 3T3 cells 3662.
composition, membranes, SV40 transformed kidney cell lines 5785.
derivatives, inactivation-phage φ6 5761.
interaction-Sindbis virus glycoproteins 5467.
levels/composition, serum lipids, multiple sclerosis patients 458.
Fatty acids (long-chain),
inactivation-phage φ6/phage PM2/herpes simplex virus 2 4714.
Feeds,
consumption, chickens, adenovirus (avian) infection pathogenicity 3311.
Feline infectious peritonitis,
cats, review 7313.
central nervous system involvement, cats 3290.
clinical manifestations, cats 6746.
coronavirus isolation/identification, cats 490.
epidemiology/pathology, cats 3866.
Feline infectious peritonitis virus,
antibodies, use-detection-transmissible gastroenteritis virus antigens, immunofluorescence, pigs 4921.
growth, brain cells, mice/hamsters/rats juveniles 6101.
growth, intestinal tract organ culture, cats 4630.
infection, immunity/pathology, cats 3289.
infection, pathology, inoculation route effects on, mice, juveniles 6100.
replication/passage, brain, mice 540.
role-mortality, cats 6688.
vaccines, cats, current aspects 248.
Feline leukaemia virus,
aetiology-tumours, review 3120.
antibodies levels, cats 2481.
antibodies production, guinea-pigs 966.
antigens, detection, immunofluorescence, cats 2949.
antigens detection, immunofluorescence 7073.
antigens subgroups, cross-reactivity 202.
DNA polymerase (RNA-dependent), antibody response, cats 4319.
envelopes glycoproteins vaccines, efficacy/preparation, cats/guinea-pigs 3612.
epizootiology, detection, immunofluorescence, cats 4360.
group-specific antigen, detection, modified immunofluorescence assays 4222.
immunization/immunization (passive), cats 2367.
infected cats, human preleukaemia, animal models 6584.
infected cats, RD-114 virus antigens, absence 6526.
infection, association-immunosuppression, cats 1712.
infection, complement/complement dependent antibodies levels, cats 5043.
infection, control, cats 3129.
infection, control/incidence/prophylaxis, cats 1779.
infection, domestic animals, transmission risks, man 8301.

Feline leukaemia virus,(continued)
infection, lymphocytes, concanavalin A receptors mobility, cats 7999.
infection, pathogenesis/transmission, cats 7073.
leukaemia/lymphoma, association-glomerulonephritis, cats 1778.
lymphoma/pathogenesis/transmission, cats 1777.
proteins, effects on lymphocytes function, man 5733.
proteins, immunosuppression activity, cats 7998.
resistance, cats, thymectomy effects on 1023.
role leukaemia/lymphoma, cats 5126.
role-mortality, cats 6688.
transformation specific antigens, antibodies incidence, cats 6583.
vaccination, efficacy/safety, cats 5705.
Feline panleucopenia,
colon pathology, cats 5305.
comparison-parvovirus gastroenteritis, dogs 6045.
Feline panleucopenia virus,
antigenic characteristics 872.
combined vaccines-calicivirus (feline)/feline rhinotracheitis virus, cats, transmission-man 2408.
infection, gastrointestinal tract pathology, cats 3282.
infection, Mustela vision, jejunum pathology, electron microscopy (scanning) 3859.
like viruses, characterization/isolation, gastroenteritis, mink 6740.
replication, embryo cells, cats 684.
respiratory tract infection, epidemiology/prophylaxis/symptoms, cats 5691.
role mortality, cats 6688.
Feline rhinotracheitis virus,
combined vaccines-calicivirus (feline), effects on feline rhinotracheitis virus carriers, cats 1681.
combined vaccines-calicivirus (feline)/feline panleucopenia virus, cats, transmission-man 2408.
immunization (passive)/vaccination, efficacy, cats 5694.
infection, association-skin ulcers, cats 7404.
live/inactivated vaccines, comparison, cats 1680.
vaccines, cats, current aspects 248.
vaccines, efficacy, cats 1682.
Feline sarcoma virus,
antibodies production, guinea-pigs 966.
DNA polymerase (RNA-dependent), allosteric properties 4807.
induced antigens-membranes, characterization, radioimmunoassay 860.
infection, epidemiology, cats 5853.
precursors proteins, characterization, purification 2800.
proteins, cleavage, Rous sarcoma virus gag gene proteins 4019.
strains, biological properties/proteins isolation, in vitro 3686.
strains, genomes, nucleotide sequence comparison 6915.
transformation, gene regulation models-tumours induction 5813.
transformed cells, antigen (tumour-specific) characterization 4361.
Feline syncytium-forming virus,
DNA polymerase (RNA-dependent) identification/maturation, electron microscopy 6343.
proviruses, DNA biosynthesis/integration-hosts cells genome 1502.
proviruses DNA, size/structure 7595.
Feline urological syndrome,
cats, virus aetiology 478.
Fer-de-Lance virus,
replication, cell lines, reptiles 6886.
replication, temperature effects on, cell lines, reptiles 6887.
Ferrets,
influenza A virus infection, inflammation response 1264.
influenza A virus infection immune response 976.
influenza A virus infection pathology, respiratory tract, electron microscopy (scanning)/electron microscopy (transmission) 2015.
measles virus/subacute sclerosing panencephalitis strains, neurovirulence 2733.
nasal turbinates organ culture, virulent/attenuated influenza A virus yield 15.
risks-Creutzfeldt-Jakob disease transmission, man 6033.
Ferritin,
conjugate-plants lectins, binding-mammary tumour virus strains, tumour cells, mice 4381.
serum, iron content, hepatitis (acute), man 3202.
Ferrocactus acanthodes,
cactus virus X characterization/isolation 4602.
Ferrochelatase,
activity/substrates preference, Friend erythroleukaemia cells 2491.
control-haeme biosynthesis, Friend erythroleukaemia virus 5143.
Fertility,
cattle, males, bovine rhinotracheitis virus effects on 6752.
Fertilization,
in vitro, mice, cytomegalovirus infection effects on 2000.
Fertilizers,
efficacy, Avena sativa, barley yellow dwarf virus infection effects on 7473.
Ferulic acid,
inactivation-rice tungro virus 8026.
Fever,
role-herpesvirus, man 5188.
Fibrin,
formation, man, hepatitis effects on 6666.
Fibroblasts,
interferon, comparison-macrophages/lymphocytes, review 2315.
interferon derived from, effects on growth, transformed cell lines, man 6473.
normal/SV40 transformed, hamsters/mice, ultrastructure 5789.
Fibroma,
cells, papilloma virus (bovine) induced, membranes antigens 5085.
Fiji disease virus,
antigens characterization 7096.
Filamentous nuclear virus,
host range/isolation/physical properties/transmision, Apis mellifera 3905.
Filtration,
sand, water, removal-enterovirus/phages 6011.
wastewater treatment, viruses 1952.
Finger,
recurrent whitlow, herpes simplex virus 2 aetiology, case reports 1846.
Finland,
adenovirus (bovine) 1/adenovirus (bovine) 2/adenovirus (bovine) 3 seroepidemiology, cattle 496.
carnation mottle virus incidence, Dianthus caryophyllus 3931.
hepatitis B surface antigen subtypes, incidence/association-hepatitis B e antigen/antibodies, man 6708.
measles virus vaccination, children, economics/programmes 4283.
viruses diseases incidence, Fragaria vesca/Fragaria

IRL©1979

Finland,(continued)
virginiana 3359.
Fish,
umours, association-viruses 5083.
viruses infection/pathogenesis/incidence/properties, review 1195.
Flacherie virus,
capsids structure, electron microscopy 75.
nfection, Bombyx mori, pathology 3906.
eplication, Bombyx mori, immunofluorescence 1272.
eplication, Bombyx mori, metamorphosis effects on 1273.
Flagella,
Asticcacaulis biprosthecum, phage φAcM_4/phage φAcS_2 adsorption 4734.
Flavivirus,
nfection, immune response (cell-mediated) cross-reactivity, mice 962.
ransmission, birds 8288.
Fleas,
role-myxoma virus seroepidemiology, Oryctolagus cuniculus, Australia 1220.
Florenal,
virucidal activity/antiviral activity/interferon induction, influenza A virus 1736.
Flow microfluorometry,
murine leukaemia virus infected cells assays 3377.
Newcastle disease virus cell fusion quantification 592.
Fluorescence,
tudies, SV40/polyoma virus transformed 3T3 cells 6563.
Fluorescent antibody test,
eucocytes interferon, man, micromethods 7106.
Semliki Forest virus antigens detection, cell culture 5608.
ransmissible gastroenteritis virus antibodies detection, pigs 4920.
ransmissible gastroenteritis virus immunoglobulins, isolation, pigs 2951.
α-Foetoprotein,
ffects on Moloney sarcoma virus induced tumours, mechanisms, mice 3698.
evels, serum, hepatitis patients 2595.
Foetuses,
ntigens, association-viruses infection, man, review 8176.
attle, adenovirus (bovine) 7 experimental infection 3883.
leath, man, association-H1 virus/X-14 virus antibodies 2548.
amsters, virus-like particles detection 1024.
nan, rubella (congenital) pathology, eye 5927.
nan, rubella virus infection, pregnancy, risks 395.
igs, parvovirus (porcine) experimental infection pathology 2718.
ltrasonic scanning, cytomegalovirus congenital infection, man, case repots 1848.
Folic acid,
equirements, Rous sarcoma virus infected fibroblasts, chickens 1771.
Folinic acid,
equirements, Rous sarcoma virus infected fibroblasts, chickens 1771.
Food,
nterovirus transmission/contamination, man, review 424.
eat treated, viruses detection, use-indicator organisms 5229.
ospitals, herpesvirus/poliovirus transmission risks 5971.
roducts, animals, viruses incidence 8269.
adiation treated, transmission-viruses, use-indicator organisms 5230.
ransmission-hepatitis A virus 3823.
ransmission-viruses, review 3824, 5235.
ransmission-viruses, risks, review 8268.
viruses detection, book 5399.
Food poisoning,
hepatitis A, incidence, British Isles 1910.
Foot,
administration-vaccinia virus vaccines, man 3001.
paralysis, complications herpes zoster, case reports 6637.
Foot-and-mouth disease,
clinical manifestations/diagnosis/epidemiology, pigs, review 1967.
control, domestic animals, review 3881.
control, vaccination, cattle/pigs, German Dem. Rep. 2414.
diagnosis/epidemiology/symptoms/transmission, cattle, USA 6065.
immune response (cell-mediated)/immune response (humoral), guinea-pigs 8403.
immunoprophylaxis, historical account 2413.
mouth lesions, histopathology 6738.
outbreaks, Bos gaurus, India 6064.
outbreaks, cattle, India 6755.
review 8282.
transmission, role-rodents 6756.
Foot-and-mouth disease virus,
adsorption/infection, kidney cells, pigs 1440.
antigenic characteristics, plaques variants, trypsin treatment effects on 2961.
antigens, concentration-polyethylene glycol, complement fixation 2256.
antigens, preparation/purification/use-complement fixation tests 7511.
associated antigens, antibody response, cattle 6519.
detection/quantitation, enzyme-linked immunosorbent assay 4215.
endonuclease activity 55.
immunoglobulin G/immunoglobulin M, neutralization, relationship-serum protection, mice 4315.
inactivation, glutaraldehyde, heart tissue culture, pigs 5762.
inactivation, pasteurization, milk 8389.
infection, secretory antibody response, cattle 268.
isolates classification, outbreaks, cattle, Germany, Fed. Rep. 1222.
levels, infected mice 2004.
live vaccines production, methodology 4294.
persistence, butter manufacture, infected cattle 507.
persistence, casein 2821.
plaques variants, antigenic characteristics comparison 7089.
procapsids, role-virions morphogenesis 6368.
release, pre-lysis, kidney cells, pigs/cattle 794.
replication 6334.
RNA, map (physical) 631.
RNA, poly (C) tracts, location/sequence 6208.
RNA 37S, 3′-terminus poly (A) segments length, relationship infectivity 7589.
role-diabetes mellitus, review 7320.
strains, symptoms, experimental infection, cattle 7447.
strains, vaccination, cattle 2415.
structural protein, comparison-strains 2136.
structural protein, cyanogen bromide peptides characterization/isolation 1387.
transmission, food, review 3824.
transmission risks, whey constituents 506.
vaccination, antibody response, cattle 3610.
vaccination, effects on semen, cattle 6501.
vaccination, hypersensitivity, cattle, Bolivia 244.
vaccines, antibody response/efficacy, cattle 3609.
vaccines, development/efficacy, cattle 3607.
vaccines, efficacy, cattle, Venezuela 2412.
vaccines, immune response, cattle, juveniles 5697.

Foot-and-mouth disease virus,(continued)
vaccines, potency control, neutralization tests 5698.
vaccines, symposium 2067.
variants, antigenicity/infectivity, chymotrypsin/trypsin effects on 1388.
Forestry,
correlation tick-borne encephalitis virus antibodies incidence, man, German Dem. Rep. 2626.
Formaldehyde,
effects on morphology, Dane particles 8024.
fumigation, inactivation-viruses 8027.
levels, Nicotiana tabacum, tobacco mosaic virus infection effects on 4580.
Formazans,
antiviral activity, Ranikhet disease virus/vaccinia virus 7200.
Fowl plague virus,
antiviral activity, pyrimidines derivatives 996.
host range recombinants, characterization/isolation 1541.
hybrids influenza A virus amantadine resistant mutant, adaptation chick embryos 7558.
infection, BHK21 cells, effects on host protein biosynthesis 91.
infection, effects on lipids metabolism, chickens embryo cells/hamsters kidney cells 4752.
recombinants, RNA, mapping 4190.
recombinants-influenza A virus, genetic analysis 6387.
RNA, 3′-terminus/5′-terminus nucleotide sequence analysis 7599.
temperature sensitive mutant, complementation/recombination-influenza A virus temperature-sensitive mutant, nonpermissive infection 6390.
temperature-sensitive mutant, genetic analysis/isolation, fowl plague virus 4189.
temperature-sensitive mutant, haemagglutinin, characterization 4249.
temperature-sensitive mutant/host range mutant, characterization 2231.

Fowlpox virus,
DNA physicochemical characterization, comparison vaccinia virus/juncopox virus 629.
experimental infection, pathology, relationship-vaccination, chickens 4547.
vaccines, efficacy, chickens 1685.
replication, embryo cells, chickens 5424.
seroepidemiology, ducks, India 7435.
Foxes,
USA, Virginia, rabies epidemiology 519.
Fragaria,
USA, Oregon, mild yellow-edge virus infection, , transmission, Chaetosiphon fragaefolii 6133.
Fragaria vesca,
Finland, viruses diseases incidence 3359.
Fragaria virginiana,
Finland, viruses diseases incidence 3359.
France,
arbovirus epidemiology 8286.
arbovirus seroepidemiology, man 4477.
beet necrotic yellow vein virus host range/biological properties, rhizomania diseases, Beta vulgaris 1279.
Creutzfeldt-Jakob disease epidemiology/incidence, man 6723.
hepatitis A age distribution/seroepidemiology, children 8311.
hepatitis A virus antibodies incidence, man 5995.
herpesvirus/influenza virus/respiratory syncytial virus seroepidemiology, man 5238.
influenza outbreaks, clinical manifestations/epidemiology, horses 6079.
peanut stunt virus strains, characterization/isolation, Phaseolus vulgaris/Setaria viridis 2759.
pseudorabies outbreaks, cattle 6754.
rabies epidemiology 6760.
rabies incidence, animals 5319.
Soldado virus isolation, Ornithodoros maritimus 6068.
transmissible gastroenteritis virus seroepidemiology, pigs 6074.
France, Alsace,
Central European encephalitis virus ecology, Ixodes ricinus 3231.
Francolinus pintadeanus,
Hong Kong, Newcastle disease virus isolation 2712.
Freeze-drying,
effects on influenza virus viability 3957.
Freeze-fracture studies,
Sindbis virus membranes glycoproteins 1390.
Freeze-thawing,
effects on phage λ/phage 1φ7 DNA transfection/transformation, bacteria 4898.
French Guiana,
Venezuelan equine encephalitis virus transmission, Culex portesi 6069.
Freund's adjuvant,
inhibition-lymphocytes T cytotoxicity, SV40 induced tumours, mice 4342.
rabies virus vaccines, efficacy, cattle 2419.
Friend erythroleukaemia cells,
chlorides transport 6597.
differentiation 5138.
differentiation, adenylate cyclase during 8104.
differentiation, β-adrenergic receptors during 8105.
differentiation, cell volume decrease during 5823.
differentiation, dimethylsulphoxide effects on, review 5142.
differentiation, dimethylsulphoxide effects on 5825.
differentiation, globin gene expression, steroid hormones control 2493.
differentiation, globin gene expression during, role-glucocorticoids receptors 8107.
differentiation, hyaluronidase sensitive surface charge during, dimethyl sulphoxide effects on 8106.
differentiation, inducers characterization 1785.
differentiation, induction, hexamethylenebisacetamide 1785.
differentiation, induction, high levels-potassium 7238.
differentiation, induction, N-substituted polymethylene 5827.
differentiation, interferon effects on 1627.
differentiation, relationship-cell cycle 325.
differentiation, relationship-malignancy 3133.
dimethylsulphoxide resistant clones, characterization/isolation 5140.
dimethylsulphoxide treated, growth-presence-cytochalasin B, haemoglobin synthesis induction 5824.
ferrochelatase activity/substrates preference 2491.
Friend leukaemia virus mRNA expression, dimethyl sulphoxide + uridine (bromodeoxy) treatment effects on 7003.
globin mRNA biosynthesis, relationship-cell cycle 1034.
globin mRNA transcription, interferon effects on 2980.
growth, somatotropin effects on, in vitro 2490.
growth/differentiation, prostaglandin E effects on 8108.
haeme synthesis deficient, characterization 5139.
haemoglobin biosynthesis/viruses production, regulation/requirements 8102.
heme biosynthesis, control, hemin 326.
herpes simplex virus infection, effects on α-globin/β-globin mRNA stability 687.
lymphocytes T derived from Friend leukaemia virus latent

IRL©1979

Friend erythroleukaemia cells,(continued)
infection, mice, cytotoxicity 6527.
replication, prostaglandin E analogues effects on, mice 7242.
Toxoplasma gondii penetration 4370.
variants clones, haemoglobin biosynthesis induction 1786.
differentiation, AMP (cyclic) levels during 2492.

Friend leukaemia virus,
antigen (tumour-associated), characterization/detection, surface, tumour cells, mice 2293.
antigens, expression, lymphocytes/lymphoma, mice 8000.
assay development, mice 574.
combination-DEAE-dextran, induction-regression-established tumours, rats 4371.
env gene recombinants-xenotropic helper viruses, characterization/isolation 4881.
envelopes glycoproteins, antibodies detection, man 3629.
envelopes glycoproteins, biological properties/isolation 4021.
genomes characterization 6216.
glycoprotein gp71, antibodies, treatment-AKR mouse, suppression-spontaneous leukaemia 5045.
haeme biosynthesis, control, ferrochelatase 5143.
immunization/immunization (passive), mice 2367.
immunosuppression/resistance, control, genetic analysis, mice 2494.
induced eryhroleukaemia, immunotherapy, allogeneic leukaemic spleen cells, mice 3689.
induced leukaemia, thrombocytopenia, mice 5822.
induced lymphoma, immunosuppression, mice 327.
induced tumour cells, transplantation ability, mice 8109.
induction-erythroleukaemia, lymphocytes T deficient mice 8111.
induction-leukaemia cell lines, mice, in vitro, continuous culture 8103.
induction-leukaemia/viraemia, association-histocompatibility gene, mice 5144.
infected cells, mice, ribonucleoproteins characterization, cytoplasm 6963.
infected mice, erythropoiesis during chemotherapy 8110.
infected mice, spleen colonies origin 1788.
infected spleen cells, electron microscopy 7240.
infected spleen cells, haemoglobin biosynthesis, sulphydryls effects on 7239.
infected spleen cells, oncogenesis, mechanisms, mice 3132.
infection, associated immunosuppression, role-lymphatic leukaemia virus, mice 7236.
infection, associated immunosuppression, mechanisms, mice 7243.
infection, bovine serum albumin + Friend's adjuvant + poly (A.U) immunization effects on, mice 5706.
infection, effects on δ-aminolevulinic acid synthetase activity, spleen, mice 7241.
infection, effects on Golgi apparatus activity, in vivo/in vitro 6965.
infection, haematopoietic cells, mice, induction-erythrocytes colonies 2767.
infection, immunosuppression, mice 6528.
infection, macrophages, relationship-spontaneous regression, erythroleukaemia, mice 5828.
infection, mice, target cells identification, use-erythrocytes colonies growth 3691.
infection, spleen cells, mice, DNA polymerase (RNA-dependent) activity 6964.
infection/replication, lymphocytes, role-mitogens induced DNA biosynthesis 5044.
latent infection, mice, lymphocytes T derived from, cytotoxicity, Friend erythroleukaemia cells 6527.
leukaemia, lysosomes deoxyribonuclease II activity, liver, mice 5145.
NB-tropic, resistance, Mus musculus molossinus, genetics 3690.
persistently infected SRCDF1 DBT cells, mouse hepatitis virus formation-Friend leukaemia virus envelopes pseudotypes 1343.
replication/transformation target cells, mice, erythropoietin responsiveness 1787.
resistance, genetic analysis, mice 1035.
resistance, mice, in vitro/in vivo 1784.
RNA biosynthesis, effects on mice 4814.
mRNA expression, Friend erythroleukaemia cells, dimethyl sulphoxide + uridine (bromodeoxy) treatment effects on 7003.
RNA polymerase, inhibition, 4′-6-diamidino-2-phenylindole 566.
target cells assays, mice, methodology 3956.
transformation, DBA/2 cells, in vitro 5141.
transformation-bone marrow cells, mice, spleen focus-forming virus effects on, in vitro 5137.
transformed erythroid cells precursors, differentiation 5826.
transformed erythroleukaemia cell lines, differentiation, phorbol esters/12-O-tetradecanoylphorbol-13-acetate effects on 4369.
transformed spleen cells, antibodies induced cell surface antigens loss, mice 4368.
Frog virus 3,
combination-labelled thymidine, effects on DNA damage, KB cells 7656.
infection, inhibition, bacteria phospholipids extracts, mice 8401.
infection, liver function/lysosomal enzymes levels, mice 6766.
infection, liver pathology, mice 2002.
inhibition-vesicular stomatitis virus protein biosynthesis, BHK cells 6356.
inhibition-vesicular stomatitis virus RNA biosynthesis, mechanisms, BHK cells 779.
replication, ultrastructure, Xenopus laevis cell lines 7536.
Fruits,
abnormalities, Carica papaya, role-viruses 3913.
Fucose,
levels, hepatitis, man 5211.
metabolism, murine sarcoma virus transformed cells, rats 3697.
Fungi,
induction-interferon, review 2317.
interferon inducer, effects on rhinovirus (human) 4 infection, man 213.
transmission-viruses, plants 8458.
viruses 1311.
viruses, review 2824.
Furcraea,
viruses characterization/transmission/symptomatology, macana disease 78.
Furocoumarin,
photosensitization, induction-phage λ prophages, Escherichia coli 5586.

Gabon,
arbovirus seroepidemiology, man 3792.
Galactose,
residues, labelling, hepatitis B surface antigen 1592.

β-Galactosidase,
genes, transfer-phage λ resistant Escherichia coli, use-phage λ DNA transfection 3506.
Galleria mellonella,
biological control, nuclear polyhedrosis virus 8427.
larvae, Chilo iridescent virus assays, comparison-Antheraea eucalypti cell lines 4610.
larvae extracts, iridescent virus enzyme-linked immunosorbent assay 6426.
nuclear polyhedrosis virus, replication, Deilephila euphordiae/Sphinx pinastri 7463.
nuclear polyhedrosis virus, strains, DNA, restriction endonuclease mapping 6243.
nuclear polyhedrosis virus development, temperature effects on 547.
polyhedrosis virus, DNA structure, electron microscopy 6220.
Gallium-67,
uptake, lung, man, use-diagnosis-cytomegalovirus infection 6610.
Gambia,
influenza A virus antibodies incidence/persistence, man 1150.
yellow fever virus transmission, Aedes furcifer taylori 7355.
Ganglia,
athymic nude mice, prevention-herpes simplex virus latent infection, guanosine (acyclo) 7442.
cervix, herpes simplex virus 2 detection, association-cervix tumours, man, case reports 2513.
man, herpes simplex virus 1 isolated, DNA/polypeptides characterization 6910.
man, herpes simplex virus 2 RNA detection 6269.
man, latent herpes simplex virus 1 genomes-detection-temperature-sensitive mutant superinfection 5571.
mice, herpes simplex virus latent infection 526.
Gangliosides,
antibodies, inhibition-transformation, murine sarcoma virus infected 3T3 cells, mice 5150.
receptors, membranes, normal/murine sarcoma virus transformed fibroblasts, mice 3679.
Gangrene,
aetiology/pathology, man, Africa, role-viruses 362.
association-measles, case reports 2591.
Ganjam virus,
antigenic relationship-Congo virus/Dugbe virus/Hazara virus/Nairobi sheep disease virus 2962.
Gastritis,
asssociation-hepatitis, case reports 4443.
Gastroenteritis,
adenovirus, outbreaks, children 6647.
adults, man, Sweden, association-infantile gastroenteritis virus 3754.
aetiology, rotavirus, children, Brazil 5923.
aetiology, rotavirus, man, Philippines 5922.
associated-rotavirus, symptoms, children 4427.
association-astrovirus/coronavirus/reovirus, children 1858.
association-calicivirus/rotavirus, infants, nosocomial infection 5177.
association-Norwalk agent virus-like particles, man 2578.
association-parvovirus, dogs 5304.
association-rotavirus, adults/children 2576.
association-rotavirus, children 1109.
association-rotavirus, infants, Japan 3185.
association-rotavirus, outbreaks, infants, France 3184.
astrovirus aetiology, neonates, man 6251.
children, Nigeria, association-rotavirus 3719.
children, Venezuela, rotavirus association 393.
chimpanzees, Norwalk agent induction 2728.
coronavirus/parvovirus aetiology, clinial manifestations/differential diagnosis/pathology, dogs, USA 4522.
dogs, association-parvovirus 3858.
dogs, coronavirus aetiology 6056.
dogs, diagnosis/transmission/treatment 3304, 3305.
epidemics, parvovirus aetiology, dogs 6739.
epidemiology, rotavirus, family studies 5253.
infants, rotavirus aetiology/infants 392.
man, diagnosis 1063.
man, Israel, rotavirus aetiology 1863.
man, prophylaxis/role-hepatitis virus 3836.
measles virus associated, electrolytes studies, children, Tanzania 400.
mink, feline panleucopenia virus like viruses characterization/isolation 6740.
outbreaks, association-astrovirus, children 2575.
outbreaks, role-Norwalk agent, man 8229.
outbreaks, transmission, water, viruses aetiology, man, USA 5881.
parvovirus, clinical manifestations/differential diagnosis-coronavirus gastroenteritis, dogs, Canada 4521.
parvovirus, histopathology/symptoms/comparison-feline panleucopenia, dogs 6045.
rotavirus, aetiology/diagnosis, children, France 5924.
rotavirus, association-sugars intolerance, children 1862.
rotavirus, children, review 1859.
rotavirus, clinical manifestations, man 6646.
rotavirus, clinical manifestations/diagnosis/epidemiology, children, Japan 3788.
rotavirus, clinical manifestations/treatment, children 4426.
rotavirus, comparison-strains, children, case reports 1860.
rotavirus, epidemiology/symptomatology, man, comparison-temperate environment/tropical environment 1898.
rotavirus, protein-energy malnutrition effects on, children 5959.
rotavirus aetiology, clinical manifestations/diagnosis, infants 8227.
rotavirus aetiology, epidemiology/immune response, infants 7993.
viruses association, infants 1134.
Gastrointestinal tract,
ducks, influenza A virus infection/replication 2014.
infection, association-hepatitis A/hepatitis B, man, Greece 2638.
infection, viruses, immunity, man 2431.
inflammation, pathology, man, measles virus/Norwalk agent infection 4439.
lesions, histopathology, pigs, juveniles, transmissible gastroenteritis 6775.
man, viruses infection, diagnosis 1822.
pathology, cattle, herpesvirus (bovine) 1 infection 3862.
pathology, correlation-coronavirus replication, cattle 3288.
pathology, dogs, neonates, transmissible gastroenteritis virus infection 7452.
pathology, feline panleucopenia virus infection, cats 3282.
viruses infection, prevention recommendations, cattle 3309.
Geese,
juveniles, goose hepatitis virus infection, avirulent/virulent strains, pathology 3882.
parvovirus + Mycoplasma gallinarum/Acholeplasma mixed infection, pathogenicity 1993.
parvovirus (goose) attenuation, use-vaccination, Derzsy's disease 240.
parvovirus (goose) vaccines, efficacy 930.
Gel diffusion,
quantitation-hepatitis B surface antigen antibodies, serum, man 5007.

IRL©1979

Gel precipitation,
comparison-complement fixation/haemagglutination, herpesvirus (equine) 1 antibodies detection, horses 4982.
detection-infectious bursitis virus antibodies, chickens 4910.
standardization, infectious bursitis virus antibodies assays 7066.
Gene expression,
int gene/xis gene, phage λ, ColE1 hybrids plasmids 4857.
Moloney leukaemia virus, organs, mice, age effects 4882.
myxovirus, review 1511.
Gene mapping,
influenza virus, review 5577.
mercury resistance genes, plasmids carrying phage λ 3446.
mop gene, Escherichia coli K12, role-phage λ/phage T4 morphogenesis 4209.
oncornavirus (avian) genomes, review 5575.
phage λ 1528.
phage φ105 604.
phage Mu 4867.
phage 186 6905.
Pseudomonas aeruginosa, use-phage F1083/phage F116L transduction 3505.
Genes,
A gene, role-DNA biosynthesis initiation, SV40 temperature-sensitive mutant transformed Chinese hamster embryo cells 1006.
AKR leukaemia, mice, relationship-AKR leukaemia susceptibility 8121.
alt gene, gene mapping, phage T4 4174.
amantadine resistance, identification-M protein genes, influenza A virus 1542.
assignment-vesicular stomatitis virus oligonucleotides 4884.
Bevi gene, cells, man, C-type virus (baboon) DNA integration 2211.
C-type virus, detection, genomes, melanoma cells, mice 7234.
characterization, influenza A virus glycoproteins 4191.
chickens, relationship-endogenous avian leucosis virus/avian sarcoma virus genes, review 4353.
cI gene, DNA, nucleotide sequence, phage λ 2105.
cII gene-cro gene, regions, phage 434 DNA, nucleotide sequence 3972.
cIII gene, mutants, characterization/effects on Escherichia coli lysogeny, phage λ 4897.
control-phage T4 DNA formation 4766.
controlling paracrystals formation, mapping, adenovirus 1535.
distribution/evolution, influenza virus 4491.
DNA-delay gene, products, phage T4, interaction-Escherichia coli DNA gyrase 4090.
dnaB gene analogues, phage P1, relationship-Escherichia coli dnaB gene proteins 7848.
dnaJ gene/malA gene, Escherichia coli, mutation, effects on phage λ adsorption 3433.
D5 gene, products, DNA-binding protein, characterization, phage T5 2176.
early, activation, phage P22 superinfection, Salmonella 1532.
early gene, amber mutant, phage T4, recombination 814.
early gene comC-α, genetic analysis, phage T4 6383.
env gene, characterization, oncornavirus (avian) 824.
env gene, proteins, mink cell focus-forming virus, cell surface expression, mice 7006.
env gene, RNA, nucleotide sequence, oncornavirus (avian) 45.
env gene/gag gene, mRNA translation, mammary tumour virus 5540.
env gene/gag gene, role-endogenous C-type virus (murine) oncogenicity, origins-recombination 2228.
env gene/pol gene/gag gene, defective, Mill Hill 2 virus 4880.
env gene/pol gene/src gene, linkage, genetic analysis, Rous sarcoma virus 7035.
epidemiology, man/animals, influenza A virus, hypothesis 1149.
expression/localization, chickens, endogenous Rous-associated virus 0 1774.
F gene, nucleotide sequence, phage φX174 1362.
FI gene, products, role-phage λ assembly 3483.
gag gene, gene mapping, squirrel monkey virus 4186.
gag gene, mapping (physical), Moloney sarcoma virus 2229.
gag gene, products/translation mapping, Rauscher leukaemia virus 2208.
gag gene, proteins, tryptic peptides analysis, amphotropic/ecotropic/xenotropic C-type virus (murine) 4702.
gag gene, recombination frequency 7823.
gag gene/pol gene, products, protein biosynthesis, avian sarcoma virus 2898.
β-galactosidase, transfer-phage λ resistant Escherichia coli, use-phage λ DNA transfection 3506.
gene A, proteins, characterization/purification, phage φX174 6968.
gene A, regulation-SV40 DNA biosynthesis 6980.
gene A/gene G, Sindbis virus, role-interferon induction 7910.
gene G, deletion mutant construction, phage φX174 4869.
gene II, proteins, cleavage sites, localization, phage fd DNA 4635.
gene mapping, influenza virus, review 5577.
gene Q, activity, mutants, characterization/isolation, phage λ 5556.
gene Q, constitutive mutants, characterization/isolation, phage λ 5555.
gene VII, nucleotide sequence, phage M13 2778.
gene 0.3, expression translation control, phage T7 1468.
gene 1, DNA, nucleotide sequence, phage T7 7576.
gene 12, proteins, characterization, metalloproteins, phage T4 53.
gene 20, role-DNA packaging, phage T4 heads 793.
gene 24, phage T4, role-osmotic shock resistance 5566.
gene 3/gene 5, products, role-phage T7 recombination 4179.
gene 32, mRNA, translation, regulation, phage T4 DNA-binding protein 4086.
gene 32/gene 43/gene 44/gene 62 proteins, role-DNA replication, phage T4 7676.
gene 40, role-phage T4 heads morphogenesis 1518.
gene 40, role-phage T4 heads morphogenesis/preheads assembly 1519.
gene 40, role-phage T4 heads morphogenesis 1525.
gene 401, function, requirement-adenovirus (human) 12 DNA biosynthesis initiation 4114.
gene 401, function/role-transformation maintenance, 3Y1 cells, adenovirus (human) 12 3494.
gene 41, proteins purification/role-DNA biosynthesis, phage T4 7681.
gene 41/gene 44/gene 45/gene 62 proteins, assays/purification, phage T4 7510.
gene 44/gene 45/gene 62, transcription/translation, phage T4 4870.
gene 44/62/gene 45 proteins, stimulation-phage T4 DNA polymerase 107.
gene 44/62/gene 45 proteins catalyzed ATP hydrolysis, DNA recognition sites, phage T4 1.
gene 45/gene 62, mutation, regulation sites, phage T4 4871.
gene 8, mutants, preheads structure, phage P22 3485.
globin, goats, phage λ DNA containing, characterization/isolation 7560.
groE gene, role-heads assembly, phage λ 3482.

Genes,(continued)
grpE gene, Escherichia coli, transduction-phage λ 4205.
H gene/J gene coded proteins, absence, phage λ ghosts 7793.
identification-adenovirus (human) 12 antigen T, transformed cells 2286.
int gene, regulation, activation-cII gene/cIII gene products, role-promoters, phage λ 808.
int gene, transcription, phage λ 7660.
int gene product, DNA binding/purification/role-recombination, phage λ 5459.
isoleucine-valine operon/threonine operon, Bacillus subtilis, phage SBβ transduction 2937.
J gene, regions, nucleotide sequence, phage φX174/comparison 1354.
kdp gene, regulation/organization-potassium transport, Escherichia coli, phage λ integration studies 187.
localization, mice x hamsters clones, Rauscher leukaemia virus receptors 86.
lom gene, gene mapping, phage λ 7797.
matrix protein gene, relationship-amantadine sensitivity, influenza virus 3499.
mercury resistance, gene mapping, plasmids carrying phage λ 3446.
mot gene, mutation, effects on RNA biosynthesis, phage T4 3451.
mutator, phage T4, antimutator DNA polymerase effects on 5568.
nucleotide sequence, phage f1 6378.
nu1 gene, gene mapping, phage λ 5560.
O gene, nucleotide sequence, phage λ 22.
ocr gene, prevention-phage T7/phage T3 modification, Escherichia coli 6407.
old gene, role-phage P2 interference-phage λ DNA biosynthesis, Escherichia coli 95.
organization, influenza A virus recombinants 6389.
oxidative phosphorylation, Escherichia coli, phage λ carrying, induction, effects on coupling factors biosynthesis 6400.
phage P2, activation, phage P4, Escherichia coli mutants effects on 3449.
phage P2, activation, phage P4, prevention, phage P2 mutants 4171.
pol gene, role-recombination, Rous sarcoma virus 4183.
products analysis, phage φX174/phage S13 1459.
purification/role-DNA biosynthesis, phage T4 7680.
recA gene, products, Escherichia coli, inactivation-phage λ repressors 2220.
recombination, review 7792.
recombination, viruses 7025.
red gene, phage λ, induction-recA gene products, Escherichia coli recB mutant 2915.
regulation, repressors, phage λ, review 166.
relationship-endogenous oncornavirus (simian) strains 6218.
rex gene, effects on phage λ lysogeny, Escherichia coli 5585.
rex gene, products, control/identification-electrophoresis, phage λ 51.
rh-1 gene, Salmonella, characterization/isolation, use-transducing phage λ x plasmids hybrids 4206.
tRNA, biosynthesis/isolation, phage T4 4768.
tRNA, mapping, phage BF23 805.
tRNA, mapping, transducing phage φ80 4643.
tRNA, yeasts, cloning, phage λ 4166.
S gene/U gene, mapping, DNA, phage Mu 3390.
sarc gene, products localization/quantitation, Rous sarcoma virus 3469.
sarc gene, proteins, protein biosynthesis, Rous sarcoma virus 2901.
src gene, activation, Rous sarcoma virus, induction-DNA biosynthesis, myotubes, embryos, chickens 693.
src gene, gene expression, Rous sarcoma virus, comparison in vitro/in vivo 1501.
src gene, nucleotide sequence, avian sarcoma virus, detection, uninfected vertebrates 1015.
src gene, origin, nucleotide sequence, avian sarcoma virus 7821.
src gene, product, characterization, normal cells, avian sarcoma virus 5806.
src gene, products, function, Rous sarcoma virus transformed fibroblasts, phenotypes 2475.
src gene, products, protein kinase activity, avian sarcoma virus 4130.
src gene, products, protein kinase activity, Rous sarcoma virus translation in vitro 5534.
src gene, protein kinase, characterization, avian sarcoma virus 4131.
src gene, proteins, activity/characterization/biosynthesis in vitro, avian sarcoma virus 1391.
src gene, proteins, polymorphism, avian sarcoma virus/Rous sarcoma virus strains 5470.
src gene, proteins characterization, Rous sarcoma virus 769.
src gene, proteins characterization/detection, Avian sarcoma virus infected cells 7222.
src gene, proteins identification, avian sarcoma virus 1497.
src gene products, localization, immunofluorescence, avian sarcoma virus transformed embryo cells 3674.
S1 gene, role-cytotoxic lymphocytes T induction, reovirus infection, mice 3626.
thymidine kinase, herpes simplex virus 1, transfer-cells, man/mice, use-metaphase chromosomes 7715.
thymidine kinase, integration sites, chromosomes, herpes simplex virus 2 transformed cells, man 8150.
thymidine kinase, phage φX174, transformation-cells, mice 5563.
transcription/translation, Escherichia coli, transduction, phage λ 5582.
transformation, characterization, avian leucosis virus MC29 825.
trpC gene, Escherichia coli, phage λ attachment sites, nucleotide sequence 4075.
tumorigenesis, avian myelocytomatosis virus, nucleotide sequence detection-fibroblasts, chickens 7749.
uvr gene, Escherichia coli, transduction, phage λ 5583.
wac gene, role-tail fibres attachment, phage T4 assembly 4155.
Genetic analysis,
influenza virus RNA, review 2130.
Lens culinaris, pea seed-borne mosaic virus resistance inheritance 4585.
phage P22/phage L repression/immunity, Salmonella 1531.
poliomyelitis susceptibility, man 5199.
susceptibility poliomyelitis, man 5198.
Genetic control,
C-type virus (murine) restriction, glucocorticoids treated embryo cells, mice 1026.
Genetic markers,
influenza A virus strains 4886.
Genetic relationship,
phage Mu/phage P1 169.
Genital tract,
bacteria + viruses mixed infection, man 7284.
experimental infection, rats, association-herpes simplex virus 2 encephalitis 8396.
herpes simplex virus infection, clinical manifestations/transmission (sexual)/treatment, case reports 6672.

IRL©1979

Genital tract,(continued)
herpes simplex virus infection, diagnosis/treatment-surfactants, man 6609.
herpes simplex virus infection, immune response (cell-mediated), man 3070.
herpes simplex virus infection, transmission-neonates, prophylaxis, man 2655.
herpes simplex virus infection, treatment, photoinactivation, man 6022.
herpes simplex virus recurrent infection, treatment, L-lysine, man, clinical trials 1934.
herpes simplex virus 2 infection, diagnosis, immunofluorescence/smears staining, man 7275.
infection, association-condyloma acuminatum, man 3138.
infection, herpes simplex virus, effects on FTA-ABS test results, syphilis, man 1847.
infection, herpes simplex virus, man, review 2558.
infection, herpes simplex virus, treatment, ether, man 3266.
infection, herpesvirus, incidence, man, females 1892.
lesions, herpes simplex virus, treatment, ultrasound, man, males 1937.
lesions, viruses infection, diagnosis, electron microscopy 1823.
viruses excretion, herpes simplex virus recurrent infection, man 1083.
Genitourinary tract,
urethritis (non-specific), man, herpes simplex virus aetiology 4417.
Genomes,
analysis, phage φX174/phage MS2 2110.
cells, chickens, linkage-endogenous avian leucosis virus 3121.
characterization, Friend leukaemia virus 6216.
DNA, sequence homology-SA12 virus/stump-tailed macaque virus/SV40 6200.
expression, regulation, cells, chickens, Rous sarcoma virus/Rous-associated virus 319.
homology, C-type virus (gibbon) strains 2127.
melanoma cells, mice, detection-C-type virus genes 7234.
Moloney sarcoma virus, rescue, Moloney sarcoma virus nonproducer cells derived from tumours, mice 2498.
promoters identification/localization, phages, review 6889.
regulators regions, phage λ genomes, plasmids construction/isolation 6380.
rotavirus (bovine)/rotavirus (human)/rotavirus (simian), comparison, electrophoresis 6211.
segments, polymorphism, reovirus 6913.
sequence, N-tropic/xenotropic oncornavirus, transcription, BALB/c cells 7001.
Shope papilloma virus, detection, benign/malignant tumours, rabbits 6557.
Gentamicin,
antibiotic resistance, Staphylococcus aureus, role-phages 184.
effects on herpesvirus (turkey) vaccines efficacy, chickens 5695.
Geographic localization,
USSR, arbovirus epidemiology 1899.
Geriatrics,
hospitals, influenza A outbreaks/prophylaxis 7363.
infectious mononucleosis, case reviews 380.
German Dem. Rep.,
bovine leucosis control/elimination, cattle 5811.
foot-and-mouth disease control, vaccination, cattle/pigs 2414.
hepatitis B epidemiology/screening, man 6705.
herpes simplex virus seroepidemiology, man 5962.
hog cholera virus vaccines efficacy, pigs 1688.
influenza A/influenza B epidemiology, man 6691.
influenza epidemiology, man 5262.
influenza virus vaccines, administration programmes, man 1669.
poliovirus seroepidemiology, man 8284.
pseudorabies virus vaccines efficacy, pigs 1683.
rabies virus vaccination complications, man 917.
tick-borne encephalitis virus antibodies incidence, correlation-agriculture/forestry, man 2626.
Germany, Fed. Rep.,
bovine diarrhoea-mucosal disease virus/bovine rhinotracheitis virus incidence, Cervidae 7422.
bovine leukaemia virus infection control/diagnosis/incidence, cattle 5119.
ECHOvirus 30 aetiology, meningitis/pharyngitis outbreaks, man 389.
foot-and-mouth disease virus isolates classification, outbreaks, cattle 1222.
infectious diseases control/disease spread/incidence 1887.
influenza A epidemics, man 3245.
influenza A epidemiology, man 5989.
influenza A virus immune status/seroepidemiology, man 8307.
influenza A virus/influenza B virus seroepidemiology, man 8305.
measles virus vaccination, neurological complications, incidence, children 3599.
nuclear polyhedrosis virus incidence, Erannis defoliaria/Operophthera brumata 6793.
pseudorabies outbreaks, pigs 1199.
rabies epidemiology, Meles meles 1988.
rotavirus diarrhoea incidence, cattle, juveniles 6067.
tick-borne encephalitis virus isolation, Ixodes ricinus 5257.
transmissible gastroenteritis virus infection incidence, pigs 3871.
vaccination recommendations 4275.
Getah virus,
haemolysis activity, characterization 7097.
mixed infection-Sindbis virus, antigens competition, cell culture 587.
morphology/replication, Aedes aegypti cells/pigs kidney cells 5425.
Ghana,
hepatitis B surface antigen distribution/incidence, man 6700.
Gianotti-Crosti syndrome,
association-hepatitis B, case reports 2653.
association-hepatitis B virus infection, clinical manifestations, man 2609.
relationship-hepatitis B, man 1130.
Gibberellic acid,
effects on phage λ/phage M12 replication, Escherichia coli 4056.
Gibbon ape leukaemia virus,
antigenic characteristics/seroepidemiology 2964.
enhancement-lymphocytes B transformation, man 5158.
infected tissues, proviruses DNA sequence detection 5839.
RNA, mapping, location-non homologous sequence 4000.
transmission (vertical), gibbons 2503.
Gibbon ape leukaemia virus-Hall's Island,
comparison-C-type virus (gibbon) strains 2502.

Gibbons,
gibbon leukaemia virus transmission (vertical) 2503.
Gladiolus,
bean yellow mosaic virus/cucumber mosaic virus, enzyme-linked immunosorbent assay 7086.
Glia,
interferon production 3565.

Glioma,
cell lines, interferon production 3565.
Globin,
gene expression, during Friend erythroleukaemia cells differentiation, role-glucocorticoids receptors 8107.
mRNA, transcription, Friend erythroleukaemia cells, interferon effects on 2980.
mRNA biosynthesis, avian erythroblastosis virus transformed erythroblasts, chickens 311.
mRNA biosynthesis, relationship-cell cycle, Friend erythroleukaemia cells 1034.
α-Globin,
mRNA, stability, Friend erythroleukaemia cells, herpes simplex virus infection effects on 687.
β-Globin,
complementary DNA, insertion-SV40, cloning 4180.
mRNA, stability, Friend erythroleukaemia cells, herpes simplex virus infection effects on 687.
Globulins,
levels, sera, hepatitis/cirrhosis/hepatocellular carcinoma, comparative studies, man, Ghana 983.
γ-Globulins,
treatment-herpes simplex virus keratitis, man 5657.
Glomerulonephritis,
association hepatitis B virus infection, case reports 1125.
association-hepatitis B virus infection, man 8260.
association murine leukaemia virus infection, mice 7235.
association SV40 induced tumours, hamsters 3111.
cats, association-feline leukaemia virus leukaemia/lymphoma 1778.
hepatitis B surface antigen incidence, children 1727.
hepatitis B surface antigen incidence, kidney/serum, man 2607.
hepatitis B surface antigen negative/positive, complement metabolism, man 6544.
hepatitis B surface antigen positive, pathogenesis/recovery/treatment, man, case reports 3774.
incidence, mice, murine leukaemia virus infection 6772.
man, hepatitis B surface antigen detection, immune complexes 3777.
mice, lymphocytic choriomeningitis virus induced, pathogenesis, role-interferon 215.
patients, measles virus/influenza virus/parainfluenza virus/adenovirus antibodies levels 403.
Glossopharyngeal nerve,
herpes zoster, man, case reports 3180.
Glucocorticoids,
effects on lymphocytes, bovine leukaemia virus infected cattle 7996.
treatment-hepatitis, man 2669.
treatment-herpes simplex virus infection, eye, man, review 5287.
Glucosamine,
effects on influenza virus glycoproteins glycosylation, embryo fibroblasts, chickens 6360.
effects on Junin virus replication, Vero cells 5506.
Glucose,
tolerance, hepatitis patients 1116.
transport, SV40 transformed fibroblasts, mice 7211.
uptake, adenovirus (human) 5 infected HEp-2 cells, relationship-growth stage 3440.
Glucose (2-Deoxy-D-),
presence, Vero cells, herpes simplex virus infection, ultrastructure 4612.
effects on adeno-associated virus replication 4773.
Glucose-6-phosphate dehydrogenase,
deficiency, association-hepatitis A, case reports/clinical manifestations, man 5216.

deficiency, association-hepatitis B surface antigen/antibodies, man, Tanzania 3210.
Glutamic dehydrogenase,
levels, hepatitis (acute), children 3204.
Glutamic oxaloacetic transaminase,
activity, effects on hepatitis B surface antigen antibodies radioimmunoassay, man 1576.
activity, Newcastle disease virus infected chick embryos allantoic fluid, strains differentiation 4633.
levels, hepatitis B surface antigen carriers, leprosy 6664.
levels, serum, hepatitis, man 2603.
relationship-hepatitis B surface antigen/immunoglobulin M/glutamic pyruvic transaminase levels, serum, hepatitis B, man 8254.
Glutamic pyruvic transaminase,
activity, Newcastle disease virus infected chick embryos allantoic fluid, strains differentiation 4633.
levels, hepatitis B surface antigen carriers, leprosy 6664.
relationship-hepatitis B surface antigen/immunoglobulin M/glutamic oxaloacetic transaminase levels, serum, hepatitis B, man 8254.

γ-Glutamyltransferase,
characterization/purification, mammary tumour virus 6239, 7620.
Glutaraldehyde,
inactivation-African swine fever virus/foot-and-mouth disease virus/hog cholera virus/swine vesicular disease virus, heart tissue culture, igs 5762.
Glycans,
molecular weight determination, Semliki Forest virus 6933.
Glycine max,
Brazil, soybean mosaic virus disease reservoirs 6822.
callus cell culture, southern bean mosaic virus infection/replication 1347.
cowpea mosaic virus infection, effects on yield 3343.
crop fields, Spodoptera exigua biological control, nuclear polyhedrosis virus 3327.
diseases, USA 1305.
Iran, soybean mosaic virus epidemiology/symptoms/transmission 3924.
nuclei, phage fd DNA fate 19.
seeds, soybean mosaic virus detection, enzyme-linked immunosorbent assay 4932.
soybean mosaic virus/soybean stunt virus disease resistance, plant breeding 1283.
soybean mosaic virus/tobacco ringspot virus infection, enzyme-linked immunosorbent assay 4934.
soybean mosaic virus virulence, use-strains classification 7505.
soybean yellow mosaic virus infection, effects on growth/yield 7477.
USA, Illinois, cowpea mosaic virus isolation/transmission-Ceratoma trifurcata 6136.
viruses diseases 1295.
viruses infection 6821.
Glycolipids,
composition, membranes, SV40 transformed kidney cell lines 5785.
interferon receptors, membranes, transformed cell lines, man 5646.
Glycolysis,
embryo fibroblasts, chickens, stimulation, avian myeloblastosis virus glycoproteins 8080.

IRL©1979

Glycopeptides,
biosynthesis/characterization/comparison, AKR leukaemia virus/Rauscher leukaemia virus 7754.
cell surface, changes, contact induced, SV40 transformed cells/normal cells, rats 5091.
characterization, membrane glycoproteins, Rous sarcoma virus transformed fibroblasts, hamsters 1769.
characterization/purification, influenza A virus haemagglutinins 2969.
characterization/separation, chromatography (affinity), Semliki Forest virus 2797.
influenza A virus, growth-chick embryos/kidney cells-man/cattle effects on 5434.
Glycoproteins,
antibodies, crossreactivity/immunoelectrophoresis (crossed), herpes simplex virus 1/herpes simplex virus 2 6410.
antigenic characteristics/characterization, mumps virus 1402.
assembly, Semliki Forest virus membranes 5545.
assembly/biosynthesis, microsomes membranes, vesicular stomatitis virus 6351.
assembly/biosynthesis/processing, vesicular stomatitis virus 1510.
avian myeloblastosis-associated virus envelopes, characterization/isolation/antigenic characteristics 3406.
avian myeloblastosis virus, stimulation-glycolysis/sugars uptake, embryo fibroblasts, chickens 8080.
biosynthesis, membranes, Rauscher leukaemia virus temperature-sensitive mutant 4883.
biosynthesis, Sindbis virus/vesicular stomatitis virus infected cells 6354.
biosynthesis, vesicular stomatitis virus temperature-sensitive mutant 5576.
biosynthesis/integration, microsomes membranes, vesicular stomatitis virus 6352.
C-type virus (murine) envelopes, relationship-cell surface glycoproteins, tumour cells, mice 1027.
carbohydrate analysis, Sendai virus 654.
carbohydrates, Sindbis virus, comparison-host cells 74.
carbohydrates structure, vesicular stomatitis virus 62.
catabolism/distribution, mice, lactic dehydrogenase virus infection effects on 6055.
cell surface, herpesvirus transformed lymphoid cell lines, biochemical analysis 5100.
cell surface, lymphoblastoid cell lines, man, Epstein-Barr virus transformation effects on 8156.
characterization, spleen focus-forming virus 6240.
characterization, SV40, transformed cells, hamsters 7697.
characterization/isolation, simian sarcoma virus 1396.
characterization/morphogenesis, Rauscher leukaemia virus, membranes-lymphoblastoid cell culture, mice 1394.
characterization/purification, adenovirus (human) 2 4697.
characterization/purification, herpes simplex virus 1 infected cells, rabbits 2795.
characterization/purification, mammary tumour virus 6936.
cytomegalovirus induced, cells membranes, kinetics/relationship-replication 6167.
early, biosynthesis/identification, adenovirus (human) 02 infected/transformed cells 738.
envelope glycoprotein, mRNA, precursors identification, avian leucosis virus 1492.
envelopes, biological properties/isolation, Friend leukaemia virus 4021.
envelopes, biosynthesis, precursors glycosylation absence, Rous sarcoma virus, in vitro 6342.
envelopes, characterization, replication defective Moloney sarcoma virus coding 4023.
envelopes, role-murine leukaemia virus induction-cell fusion 6174.
envelopes, Rous-associated virus 2, RNA, mRNA activity 4134.
envelopes, Rous sarcoma virus, antigenic determinants 4242.
envelopes, Sindbis virus, insertion-endoplasmic reticulum 6337.
Friend leukaemia virus/simian sarcoma virus, antibodies detection, man 3629.
genes characterization, influenza A virus 4191.
glycoprotein gp70, radioimmunoassay, mink cell focus-forming virus/spleen focus-forming virus 1588.
glycoprotein gp71, antibodies, Friend leukaemia virus, treatment-AKR mouse, suppression-spontaneous leukaemia 5045.
glycoprotein VP7(B2), quaternary structure, herpes simplex virus 1 5463.
glycoprotein VP7(B2), role-herpes simplex virus 1 infectivity/replication 5462.
glycosylation, glucosamine effects on, influenza virus, embryo fibroblasts, chickens 6360.
glycosylation requirements/physicochemical properties, vesicular stomatitis virus 7012.
hepatitis B surface antigen binding 888.
heterogeneity/sialylation, murine leukaemia virus 4020.
α2-HS-glycoprotein, levels, relationship-prognosis, hepatitis (acute), man 1117.
immune response (cell-mediated) specificity, Moloney leukaemia virus + murine sarcoma virus induced tumours, mice 5831.
integration, ultrastructure, Sendai virus envelopes 6953.
interaction-membranes-structural protein, role-Rauscher leukaemia virus assembly 4849.
isolation, avian myeloblastosis virus 6157.
LETS glycoprotein, biosynthesis/effects on cell adhesion, hamster sarcoma virus transformed fibroblasts, hamsters 2483.
levels, lymph/serum, bovine leucosis effects on, cattle 5121.
maturation, vesicular stomatitis virus, tunicamycin effects on 160.
membrane composition, normal/Rous sarcoma virus transformed BHK cells 8085.
membrane glycoproteins, characterization, vesicular stomatitis virus 4705.
membrane structure, Rous sarcoma virus transformed BHK cells 8086.
membranes, biosynthesis, vesicular stomatitis virus 4829, 4830.
membranes, CHO cells, role-Newcastle disease virus induced fusion 5438.
membranes, Sindbis virus, freeze-fracture studies/electron microscopy 1390.
membranes, snowshoe hare virus/trivittatus virus 5469.
membranes, trypsin/ethylenediaminetetraacetate/urea effects on, SV40 transformed fibroblasts, mice 5780.
neuraminidase activity/structure, Sendai virus, β-mercaptoethanol/sodium dodecyl sulphate/urea effects on 5472.
oligosaccharides, biosynthesis, influenza virus 4832.
oligosaccharides characterization, Rous sarcoma virus 2822.
oligosaccharides-proteins linkage characterization, influenza A virus 7623.
precursors, characterization, Moloney leukaemia virus envelopes 4022.
precursors, cleavage, kinetics, Rous sarcoma virus 2218.
projections, measurements, quasi elastic light scattering/resistive-pulse technique, Sindbis virus/vesicular stomatitis virus 2798.

Glycoproteins,(continued)
Rauscher leukaemia virus, receptors characterization, KA31 cells 2858.
Rauscher leukaemia virus envelopes, association-histocompatibility antigen H-2, Rauscher leukaemia virus transformed cells, mice 4374.
role-biological properties, pathogenicity, Newcastle disease virus, review 2139.
serum, man, antigenic determinants, comparison-hepatitis B surface antigen 1595.
structure, Semliki Forest virus membranes 5466.
structure, Sindbis virus, chickens embryo cells/hamsters kidney cells 3465.
surface, adenovirus (human) 12 infected embryo kidney cells, man 686.
Glycosaminoglycans,
composition, polyoma virus/SV40 transformed cells, mice 8043.
distribution, SV40 transformed BALB/c 3T3 cells 3115.
Glycosides,
antiviral activity, Sendai virus, role-effects on lipid composition/membrane composition 8028.
Glycosylation,
requirements, interferon production, lymphoblastoid cell lines, man 6477.
requirements, vesicular stomatitis virus glycoproteins 7012.
GMP,
imidazo[1,2-a]-s-triazine analogues, antiviral activity/synthesis 2456.
methyl derivatives, cap analogues, effects on reovirus RNA interaction-RNA polymerase 1489.
Goat pox virus,
antibody response, sheep 265.
antigenic relationship-orf virus/sheep pox virus 7088.
Goats,
Kenya, Nairobi sheep disease virus seroepidemiology 1985.
leucoencephalomyelitis, case reports 5303.
leucoencephalomyelitis clinical manifestations/pathology 3280.
Nigeria, rinderpest virus strains isolation 7417.
orf clinical manifestations, case reports 2685.
poxvirus infection, symptoms/transmission, India 3864.
rotavirus association-diarrhoea 2687.
Sudan, parainfluenza virus 3 seroepidemiology 7437.
Goeldichironomus holoprasinus,
entomopoxvirus, characterization/purification 5411.
Golgi apparatus,
activity, in vivo/in vitro, Friend leukaemia virus/Rous sarcoma virus infection effects on 6965.
Gomphrena globosa,
hypersensitivity quantitation, tomato bushy stunt virus infection, methodology 4333.
tomato bushy stunt virus infected, resistant tissues, ultrastructure/histochemistry 3352.
Gonorrhoea,
man, hepatitis B antigen/antibodies incidence 1918.
Goose hepatitis virus,
infection, avirulent/virulent strains, pathology, geese juveniles 3882.
Gooseberry vein banding virus,
infection, effects on yield/Ribes, Ribes rubrum/gooseberry 8442.
Gossypium,
nuclear polyhedrosis virus infection outbreaks, pathogenesis, Anomis flava 549.
Gossypium hirsutum,
India, Abutilon infectious variegation virus isolation/identification 2047.
Gossypol,
induction-interferon, mice/embryo cells-chickens 1619.
Graffi leukaemia virus,
induced leukaemia, thrombocytopenia, mice 5822.
Graft-versus-host reaction,
comparison-antiviral activity, role-histocompatibility antigens 5709.
effects on interferon induction, mice 2988.
symptoms, association-Epstein-Barr virus infection, bone marrow transplantation, man 4311.
Grafts,
survival, kidney transplantation, hepatitis B surface antigen/antibodies presence effects on, man 5752.
survival, kidney transplantation, man, parainfluenza virus 3 infection effects on 7366.
Gram-negative bacteria,
endotoxins, induction-interferon, in vivo 2361.
Granuloma annulare,
association-herpes zoster, man, case reports 1852.
Granulosis virus,
assays/characterization, Plathypena scabra 4040.
combination-nuclear polyhedrosis virus/Bacillus thuringiensis/chlordimeform, control-Pieris rapae/Trichoplusia ni 2740.
commercial production, use-biological control, Laspeyresia pomonella 6861.
Diacrisia virginica, infected Hyphantria cunea, susceptibility-homologous baculovirus 4570.
envelopes, charge, relationship-infectivity, Pseudaletia unipunctata 3328.
infection, cytopathology, Archips argyrospila 545.
infection, effects on Neoaplectana carpocapsae infection, Pseudaletia unipuncta 3907.
infection, epizootics, Scotogramma trifolii, USA, California 546.
infection, pathology, Pieris rapae 2022.
pathogenicity, dose effects on, Heliothis armigera 5350.
proteins, characterization 1405.
strains, envelopes polypeptides/virions comparison 6241.
Grape leaf-fan virus,
infection, Vitis 8455.
Grape yellow mosaic disease virus,
infection, Vitis 8455.
Grapevine leafroll virus,
detection, stains, Vitis 6797.
infection, effects on quality/yield, Vitis 7475.
infection, Vitis 8455.
Greece,
Crimean-Congo haemorrhagic fever virus virus-like particles isolation, Rhipicephalus bursa 3795.
hepatitis A/hepatitis B transmission failure, children 5267.
Griseofulvin,
treatment-herpes zoster 3267.
treatment-herpes zoster, man 3843.
Gross leukaemia virus,
antigens, antibodies induced distribution/modulation, in vitro 5146.
gag gene proteins, characterization/processing 6935.
immunization, spontaneous leukaemia prophylaxis, mice 5829.
induced alterations, thymus, preleukaemia, mice 5830.
induced leukaemia, gag gene proteins metabolism/protein biosynthesis 1789.
induced lymphoma, antigen (tumour-associated) characterization, rats 3134.

Gross leukaemia virus,(continued)
nduced lymphoma, circulating immune complexes characterization, rats 3692.
nduced lymphoma, complement activation/depletion effects on, rats 5735.
nduction-lymphoma, lymphocytes B/lymphocytes T levels/ viruses antigens expression, mice 1036.
nduction-thymus leukaemia, inhibition, growth hormones, mice 5147.
Groundnut chlorotic spot virus,
nfection, effects on chlorophyll activity/morphology, Arachis hypogaea 5373.
nfection, effects on nucleotides levels/ratios, Arachis hypogaea 8443.
Groundnut clump virus,
ransmission, seeds, efficacy 4583.
Groundnut die-back disease,
Arachis hypogaea 3932.
Growth factors,
ctivity/production, murine sarcoma virus transformed cells 1793.
latelets, requirement, cells, oncornavirus/SV40 transformation effects on 3661.
Growth hormones,
nhibition-Gross leukaemia virus induction-thymus leukaemia, mice 5147.
Guanidine (N-Methyl-N'-Nitroso),
retreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Guanidinopyrimidines,
ntiviral activity 5763.
Guanine,
midazo[1,2-a]-s-triazine analogues, antiviral activity/ synthesis 2456.
Guanine (3-Deaza),
erivatives, antiviral activity/synthesis 3651.
Guanine (9-(2-Hydroxyethoxymethyl)),
ffects on herpes simplex virus 1 infection clinical manifestations/latency, ear, mice 5069.
hosphorylation, herpes simplex virus thymidine kinase 3459.
Guanine (9 (2-hydroxyethylmethyl)),
reatment-herpes simplex virus cornea ulcers, man 3839.
Guanine (-9(-2-hydroxymethyl)),
reatment-herpes simplex virus iritis/keratitis, rabbits 2719.
Guanosine,
aps analogues, inhibition-brome mosaic virus mRNA translation, wheat germ cell-free system 7773.
midazo[1,2-a]-s-triazine analogues, antiviral activity/ synthesis 2456.
Guanosine (acyclo),
revention-herpes simplex virus latent infection, ganglia/skin, athymic nude mice 7442.
reatment-herpes simplex virus pneumonia, children, case reports 6018.
reatment-herpes simplex virus 1 encephalitis, mice 8394.
reatment-herpes simplex virus 1 keratitis, rabbits 3886.
Guanosine (7-Methyl),
aps, role-mRNA translation, reovirus/vesicular stomatitis virus 4144.
Guatemala,
ymbidium mosaic virus/Odontoglossum ringspot virus incidence, Epidendrum 5384.
otavirus diarrhoea, incidence, children 8228.
ruses infection, association-protein-energy malnutrition, children 7365.
Guillain-Barre syndrome,
etiology, role-viruses, man 5874.
association-BK virus, man 2550.
association-herpes simplex virus immunoglobulin M 1082.
association-influenza virus vaccination, man 6490, 7947.
following influenza virus vaccination, man, case reports 2587.

association-parainfluenza virus 3, man, case reports 1874.
Guinea,
skin viruses infection, incidence, man 3784.
Guinea-pigs,
animal models, herpes simplex virus recurrent infection, vaccines efficacy 221.
B-type particles detection, spontaneous mammary gland tumours 2482.
B-type virus detection-lymphoblasts, leukaemia 5815.
colonies, British Isles, viruses seroepidemiology 1213.
Creutzfeld-Jakob disease transmission (vertical) failure 7439.
cytomegalovirus infection, viraemia-acute infection/persistent infection 531.
cytomegalovirus transmission (transplacental)/transmission (horizontal) 532.
feline sarcoma virus/feline leukaemia virus/oncornavirus (feline) antigens-membranes, antibodies production 966.
gnotobiotes, adenovirus infection pathogenesis 1239.
herpes simplex virus 2 recurrent infection, vagina, prior herpes simplex virus 1/herpes simplex virus 2 infection effects on, guinea-pigs 5328.
immune response (cell-mediated) phage MS-2 255.
influenza A virus infection resistance, role-antibody response/ hypersensitivity (delayed) 5346.
Mycobacterium tuberculosis virulence, relationship-phage typing 836.
virus-like particles detection, urine, diabetes mellitus 1956.
Gynaecomastia,
association-herpes zoster, intercostal nerves involvement, man, case reports 1099.
Gynandromorphs,
Papilio polyxenes, relationship-viruses 2737.
Gynura aurantiaca,
growth compounds content, relationship-citrus exocortis viroid infection 3341.

Haemadsorption,
embryo cells, chickens, rabies virus infection effects on 4622.
Vero cells, induction, measles virus, electron microscopy 2771.
Haemadsorption- haemagglutination,
assays, detection-coronavirus (bovine), faeces, cattle 5612.
Haemagglutinating encephalomyelitis virus,
infection, pathogenicity, correlation-inoculation route, pigs 2010.
respiratory tract infection, pigs 1196.
Haemagglutination,
activity, faeces, coronavirus (bovine) infected cattle 2301.
comparison-complement fixation/gel precipitation, herpesvirus (equine) 1 antibodies detection, horses 4982.
components, biological properties/separation/morphology, Japanese encephalitis virus 4940.
detection-Bhanja virus, Hyalomma asiaticum, methodology 7865.
detection-hepatitis B surface antigen/antibodies, blood sampling methodology effects on, man 3532.
detection-mumps virus antibodies 7079.
diagnosis-rotavirus (bovine) infection, cattle 3511.
enhancement, detection-adenovirus antibodies, man 4906.
epidemic diarrhoea of infant mice virus 1602.

Haemagglutination,(continued)
erythrocytes, man, adenovirus (human) induced, effects on acetylcholinesterase activity 3551.
factors, release-herpes simplex virus infected cells 5713.
inhibition-low-density lipoprotein, Sendai virus 8030.
poxvirus, cell culture, kidney 5423.
quantitation-hepatitis B surface antigen antibodies, serum, man 5007.
rats erythrocytes, adenovirus (simian) 7 5636.
rotavirus (simian) 204.
rubella virus 891.
useformalin preservation erythrocytes, geese, arbovirus assays 6418.
viruses, neuraminidase/trypsin effects on 4248.
Haemagglutination (indirect),
Bhanja virus antigens detection, Hyalomma asiaticum 857.
cytomegalovirus immunoglobulin M, role-rheumatoid factor 1567.
detection Sindbis virus/West Nile virus, blood, birds, USSR 4218.
diagnosis-cytomegalovirus infection, man 6414.
differential diagnosis-herpes simplex virus 1/herpes simplex virus 2 infection, man 4981.
Haemagglutination (passive),
detection-hepatitis B surface antigen 4922.
detection-influenza A virus antibodies, comparison-haemagglutination inhibition/immunofluorescence 4227.
detection-rubella virus antibodies 7069.
detection-rubella virus antibodies, comparison-haemagglutination inhibition, man 6423.
detection-transmissible gastroenteritis virus antibodies, pigs 5613.
determination-hepatitis B antigen/antibodies, man 870.
diagnosis-pseudorabies 7061.
Groupamatic test, detection-hepatitis B surface antigen antibodies, blood donors 1574.
hog cholera virus antibodies detection, pigs 190.
rabies virus antibodies, detection 4224.
Haemagglutination (passive reverse),
detection-hepatitis B surface antigen 6443, 7873.
detection-hepatitis B surface antigen, man 6442.
diagnosis hepatitis B 6431.
hepatitis B surface antigen 7870.

hepatitis B surface antigen 1575.
Haemagglutination inhibition,
Akabane virus 2948.
antibodies, role-rubella immunity, man 5040.
avian infectious bronchitis diagnosis, evaluation, chickens 191.
comparison-complement fixation/immunofluorescence, detection-dengue virus antibodies 4914.
comparison-immunofluorescence, detection-rubella virus antibodies, man 4917.
detection-coronavirus (human) OC43 antibodies 3244.
detection-coronavirus (human) OC43 antibodies, methodology 5677.
detection-hepatitis B surface antigen, automated methods 2276.
detection-influenza A virus antibodies, comparison-haemagglutination (passive)/immunofluorescence 4227.
detection-rubella virus antibodies, comparison-haemolysis 1572.
detection rubella virus antibodies, comparison-haemolysis, man 5671.
detection-rubella virus antibodies, comparison-haemagglutination (passive), man 6423.
detection-rubella virus antibodies, methodology 7068.
detection-rubella virus antibodies, non-specific inhibitors removal, methodology, comparative studies 855.
detection-rubella virus immunoglobulin M antibodies, infants 6422.
determination-adenovirus (human) 12/adenovirus (human) 18/adenovirus (human) 31 antigenic relationship 2285.
diagnosis-adenovirus (equine) infection, horses 7854.
diagnosis-influenza A, comparison-complement fixation/haemolysis (radial) 3525.
diagnosis-rotavirus (bovine) infection, cattle 3511.
diagnosis-rubella, man 7863.
diagnosis-rubella, methodology 4220, 4916.
elevated, rubella virus, role-β-lipoprotein, hyperbilirubinaemia, children, case reports 1710.
influenza A virus antigens typing 7091.
measles virus antibodies assays, methodology 5003.
methodology, parainfluenza virus 3 antibodies detection, cattle 4210.
Newcastle disease virus, test conditions effects on 2274.
quantitation-rubella antibodies, methodology 4221.
relationship-influenza A virus antibodies affinity/levels 5053.
relationship-Newcastle disease virus vaccination efficacy, chickens 945.
rubella virus 891.
use-formalin preservation erythrocytes, geese, arbovirus assays 6418.
use-trypsin treated erythrocytes, man, rubella virus 2260.
Haemagglutination inhibition (indirect),
typing-herpes simplex virus 1/herpes simplex virus 2 6411.
Haemagglutinin,
amino acid sequence, light chain, cyanogen bromide peptides, influenza A virus 7098.
antibodies, induction/specificity, infection/vaccination, man, influenza A virus 7186.
antibodies characterization, influenza A virus strains, chickens 886.
antibody response, man, influenza A virus split vaccines/whole vaccines vaccination 975.
antigenic characteristics, influenza A virus, kidney/lung cell culture persistent infection, man 4954.
antigenic characteristics, influenza A virus isolated-birds 7093.
antigenic characteristics, influenza A virus isolates 7891.
antigenic determinants, analysis, influenza A virus 3556.
antigenic determinants, influenza A virus 205.
antigenic determinants, influenza virus 7884.
antigenic determinants/antigenicity, influenza A virus 3546.
antigenic relationship, influenza A virus strains 7892.
antigenic variants, characterization, influenza A virus, in vitro 887.
biosynthesis/glycosylation/insertion-membranes, influenza A virus, in vitro 7013.
carbohydrates side chains, biosynthesis/structure, influenza virus 3473.
changes, antigenic drift influenza A virus 5629.
characterization, fowl plague virus temperature-sensitive mutant 4249.
characterization, influenza A outbreaks, man 6458.
characterization, influenza A virus strains, turkeys, British Isles 5631.
characterization/preparation, equine infectious anaemia virus 2075.
characterization/purification, Sendai virus 3561.
coding RNA, genetic relationship, influenza virus strains 3558.
comparison-influenza A virus strains 5471.

IRL©1979

Haemagglutinin,(continued)
dengue virus 1, protamine sulphate effects on 963.
glycopeptides, antibodies binding sites, characterization/kinetics, influenza virus 2968.
glycopeptides, antigenicity, influenza A virus, rabbits 7099.
glycopeptides characterization/purification, influenza A virus 2969.
glycoproteins oligosaccharides, characterization, variation-influenza A virus strains/cells 7100.
nosts antigens identification, influenza A virus 1590.
dentification/isolation, vaccinia virus 7535.
mmune response (cell-mediated), man, influenza A virus 2302.
nfluenza A virus, growth-chick embryos/kidney cells-man/cattle effects on 5434.
nfluenza A virus, lymphocytes T cytotoxicity, role-histocompatibility antigen H-2/specificity, in vitro 7187.
nfluenza A virus, polypeptides structure 3410.
nfluenza A virus, radioimmunoassay, use-Staphylococcus aureus 7077.
nfluenza virus, binding-antibodies, electron microscopy 3550.
nfluenza virus, book 3943.
nfluenza virus, physical properties, c.d./X-ray diffraction 3554.
nfluenza virus A, comparison-Balaenopteridae/man isolates 4953.
solation, cowpox virus/vaccinia virus infected cells 7890.
solation/purification, brain-rabies virus infected animals 2076.
ight chains, cyanogen bromide peptides, amino acid sequence, influenza A virus 4024.
measurement, surface, influenza A virus infected mastocytoma cells 5630.
membrane-bound fragments, characterization/isolation, influenza virus 3555.
nutants, antigenicity/biological properties, influenza virus 3553.
nutants, influenza A virus, review 3560.
nyxovirus, erythrocytes receptors, role-sialic acid 6459.
N-terminus cyanogen bromide peptides, antigenic determinants, haemagglutinins 4955.
peptide mapping, influenza A virus 3411.
peptide mapping, influenza A virus strains 3409.
physical properties, neonatal calf diarrhoea virus 3552.
polypeptides, antigenic characteristics, influenza A virus 1591.
polypeptides, influenza A virus, antibodies, detection, convalescence serum, man 6534.
proteolysis, relationship-infectivity, influenza virus 3437.
radioimmunoassay, influenza virus 1573.
rotavirus (bovine), inhibitors, production, infected BK cells cell culture fluids 4247.
spikes, spectroscopy (photon correlation) measurements, influenza A virus 2303.
structure, influenza A virus 3408.
structure, relationship-antigenic drift, influenza A virus 3559.
structure, relationship-pathogenicity, influenza virus 5637.
structure/function, influenza virus, review 1603.
emperature stability, Newcastle disease virus 4956.
yping, haemolysis, influenza A virus strains 7076.
Haemaphysalis inermis,
eplication/transmission-tick-borne encephalitis virus, relationship-pathogenicity, mice 8416.
Haemaphysalis punctata,
solation-Bhanja virus, Bulgaria 3302.
Haemaphysalis sulcata,
solation-Bhanja virus, Bulgaria 3302.

Haeme,
biosynthesis, control, ferrochelatase, Friend erythroleukaemia virus 5143.
synthesis, deficient Friend erythroleukaemia cells, characterization 5139.
Haemodialysis,
hepatitis B surface antigen/hepatitis B e antigen incidence/association-prognosis, man 3212.
kidney transplantation, hepatitis B surface antigen incidence/levels, man 8264.
man, encephalopathy, role-slow viruses infection 2671.
man, hepatitis B incidence/symptoms 5945.
man, hepatitis immunoprophylaxis/incidence/transmission, review 2647.
patients, cytomegalovirus infection risks 5964.
patients, hepatitis (non-A, non-B) outbreaks 5994.
patients, hepatitis B diagnosis, use-hepatitis B e antigen 5870.
patients, hepatitis B outbreaks control 5286.
patients, hepatitis B surface antigen incidence/persistence 5221.
patients, hepatitis B surface antigen positive, hepatitis B virus replication markers/immune complexes detection 5951.
patients, hepatitis B surface antigen positive, Dane particles detection/relationship blood infectivity 5997.
patients, hepatitis B virus infection incidence/transmission 3825.
patients, influenza A virus vaccination, efficacy/safety 7949.
patients, influenza A virus vaccination efficacy/recommendations 3046.
patients, pericarditis, coxsackievirus B/influenza A virus aetiology 6650.
patients/personnel, cytomegalovirus infection incidence 5242.
Haemodialysis units,
hepatitis B outbreaks, false-positives, man 8320.
hepatitis B virus transmission risks/prevention 1163.
Haemoglobin,
biosynthesis, induction, Friend erythroleukaemia cells variants clones 1786.
biosynthesis, regulation/requirements, Friend erythroleukaemia cells 8102.
biosynthesis, sulphydryls effects on Friend leukaemia virus infected spleen cells 7239.
synthesis, induction, dimethylsulphoxide treated Friend erythroleukaemia cells, growth-presence-cytochalasin B 5824.
types, association-Rous sarcoma virus resistance, chickens 2477.
Haemolysis,
activity, characterization, Getah virus 7097.
activity, Sendai virus, role-envelopes phospholipids/proteins 4039.
detection-mumps virus antibodies 7079.
detection-mumps virus antibodies, children 2273.
detection-rubella virus antibodies 5609, 7864.
detection-rubella virus antibodies, comparison-haemagglutination inhibition 1572.
detection-rubella virus antibodies, comparison-haemagglutination inhibition, man 5671.
diagnosis-rubella, man 7863.
rubella virus 269.
rubella virus antibodies detection 854.
Sendai virus induced, enhancement-antibodies + complement 8011.
typing-influenza A virus strains 7076.
Haemolysis (radial),
detection-influenza A virus antibodies 192.
detection-rubella virus antibodies 856.

Haemolysis (radial),(continued)
diagnosis-influenza A, comparison-complement fixation/haemagglutination inhibition 3525.
Haemolysis-in-gel,
detection-influenza A virus/measles virus/mumps virus antibodies, erythrocytes cryopreservation 6425.
Haemolytic uraemic syndrome,
association-measles, man, case reports 3201.
Haemophilia,
association-hepatitis (chronic), role factor VIII treatment 3207.
hepatitis association-blood transfusion, man 1879.
man, hepatitis B virus transmission risks, blood transfusion 8321.
patients, hepatitis B core antigen/hepatitis B surface antigen antibodies incidence 6004.
patients, hepatitis risks 7369.
Haemophilus influenzae,
lysogeny/phage typing 7839.
mixed infection-influenza A virus, susceptibility, cigarette smoke effects on, mice 5323.
Haemorrhagic enteritis,
pathogenesis/immune response, turkeys 479.
Haemorrhagic fever,
aetiology/pathogenesis, role-arenavirus 3196.
clinical manifestations, man, Sudan 3759.
dengue virus, associated shock, pathology/treatment, man 3190.
dengue virus, cholinesterase levels, serum, man 4429.
dengue virus, clinical manifestations, man 3188.
dengue virus, clinical manifestations, man, USA, Puerto Rico 4428.
dengue virus, clinical manifestations/diagnosis/management, man 3189.
dengue virus, clinical manifestations/management, man 3191.
dengue virus, control/epidemiology, man, Malaysia 3232.
dengue virus, control/epidemiology, man, Indonesia 8292.
dengue virus, control/surveillance, man 3239.
dengue virus, diagnosis/risks, travellers 1824.
dengue virus, epidemics/pathology/transmission-Aedes, man, review 3195.
dengue virus, epidemiology, man, Burma 3235.
dengue virus, epidemiology, man, India 3237.
dengue virus, epidemiology, man, Indonesia, review 3240.
dengue virus, epidemiology, man, Singapore 3236.
dengue virus, epidemiology, man, Thailand 3234.
dengue virus, epidemiology, relationship-Aedes aegypti/Aedes albopictus ecology, Thailand 7351.
dengue virus, epidemiology, role-Aedes, man, Philippines 3233.
dengue virus, immune complexes detection/role-pathogenesis, man 7175.
dengue virus, immunopathology/pathology, man 3193.
dengue virus, isolation-leucocytes/platelets, man 3194.
dengue virus, man, dianosis, review 3720.
dengue virus, mice, prophylaxis, use-interferon/interferon induction 5652.
dengue virus, pathogenesis, role-immune complexes 1709.
dengue virus, pathology, man 3192.
dengue virus, pleural fluid composition, man 8231.
dengue virus, prevention, Aedes aegypti control 3238.
dengue virus, prognosis, relationship-complement activity, man 4317.
Ebola virus, clinical manifestations, man, Zaire 3760.
Ebola virus, clinical manifestations/comparison-Marburg disease virus haemorrhagic fever, man 3761.
Ebola virus, control/prevention, man 3835.
Ebola virus, control/surveillance, importation, man, British Isles 3815.
Ebola virus, control/surveillance, importation, man, USA 3816.
Ebola virus, control/surveillance, man, Kenya 3813.
Ebola virus, control/surveillance, man, Zaire 3814.
Ebola virus, diagnosis, man 3724.
Ebola virus, epidemics, clinical manifestations/pathogenesis, man, Sudan 396.
Ebola virus, epidemics, control/surveillance, man, Sudan 3806.
Ebola virus, epidemics, control/surveillance, man 3811.
Ebola virus, epidemics, control/surveillance, man, Sudan 3812.
Ebola virus, epidemics, man, Zaire/Sudan 434.
Ebola virus, epidemics/epidemiology, man, Zaire 3799.
Ebola virus, epidemiology, man, Sudan, role-mammals 3808.
Ebola virus, epidemiology, man, Zaire, role-insects/mammals 3807.
Ebola virus, epidemiology/control 1147.
Ebola virus, man, case reports 3762.
Ebola virus, man/experimental infection-monkeys, case reports 3765.
Ebola virus, outbreaks, control, man, Sudan 3800.
Ebola virus, outbreaks, control, man, Zaire 3805.
Ebola virus, outbreaks, man, Sudan 3801, 3802, 3803.
Ebola virus, outbreaks/epidemiology/pathology/clinical manifestations/ecology, man, Zaire 1146.
Ebola virus, pathology, comparison-Marburg disease, man 3764.
Ebola virus, plasma collection, man 3519.
Ebola virus/Marburg virus/Lassa fever virus, diagnosis/epidemiology, man 2629.
man, review 5174, 8238.
Marburg disease virus, pathology/transmission/treatment, man 3766.
Maridi virus, clinical manifestations/epidemics/pathology/transmission, man, Sudan 4433.
outbreaks, man, Indonesia, relationship-Aedes aegypti susceptibility-dengue virus 2 infection 8293.
patients, control/isolation 3833.
review 352.
severity, man, SPC, relationship-dengue virus strains 4479.
viruses, book 3940.
viruses, outbreaks, Zaire, committees establishment/activities 1136.
Haemorrhagic septicaemia,
pathology, Salmo gairdneri 6748.
Haemorrhagic septicaemia virus,
asymptmatic infection, Salmo gaerdneri 3308.
Halothane,
exposure, induction-hepatitis immunity, man 282.
Hamster sarcoma virus,
transformation, BHK-21 cells, effects on membrane proteins 7233.
transformed fibroblasts, hamsters, cell surface proteins 5127.
transformed fibroblasts, hamsters, LETS glycoprotein biosynthesis/effects on cell adhesion 2483.
Hamsters,
animal models, measles virus encephalitis, potentiation-experimental allergic encephalomyelitis 7454.
BK virus induction-tumours 1746.
embryo cells, transformation, adenovirus (simian) 7, metals salts effects on 4350.
embryos/foetuses/tumours, virus-like particles detection 1024.
Herpes simplex virus 2 transmission (vertical),

IRL©1979

Hamsters,(continued)
immunosuppression effects on 4546.
juveniles, feline infectious peritonitis virus infection 6101.
lymphocytic choriomeningitis virus disease reservoirs/epidemiology 6072.
lyssavirus infection, detection, nerves/muscles 1263.
neuroadapted mumps virus virulence/persistence, central nervous system 542.
Oropouche virus experimental infection, pathology, liver 4557.
rabies virus antigens, localization, trigeminal ganglion 6776.
Schu virus infection, induction-amyotrophic lateral sclerosis clinical manifestations 6097.
subacute sclerosing panencephalitis virus infection, central nervous system diseases 2016.
susceptibility, attenuated influenza virus infection 5347.
SV40 induced tumours, growth, immune response (cell-mediated)/immune response (humoral) during 1691.
tick-borne encephalitis virus experimental infection, immune response/tick-borne encephalitis virus isolation 6098.
viruses infection susceptibility 7438.
viruses lymphoma 6585.

Hand-foot-and-mouth disease,
aetiology, coxsackievirus A9/coxsackievirus B5/enterovirus, man 6640.
epidemics, man, Japan, coxsackievirus A16 biological properties/isolation 4727.
Haptoglobin,
levels, serum, hepatitis/liver tumours, man 2600.
typing, relationship-hepatitis B surface antigen incidence, man, German Dem. Rep. 4502.
Harvey sarcoma virus,
induced tumours, histology/morphology, chickens/mice 5151.
phosphoproteins, antigenic relationship-rat sarcoma virus phosphoproteins 8132.
phosphoproteins, characterization, transformed cells 8124.
tumours induction, mice 5152.
Hazara virus,
antigenic relationship-Congo virus/Dugbe virus/Ganjam virus/Nairobi sheep disease virus 2962.
HD virus,
characterization/replication, in vitro 72.
Head,
arteritis, complications-herpes zoster ophthalmicus, diagnosis, angiography, man 8167.
Heads,
assembly, mutants, phage λ, genetic analysis 3488.
DNA packaging, phage T4, role-gene 20 793.
maturation, phage T4, mechanisms, studies 2912.
morphogenesis, phage T4, role-gene 40 1518, 1519, 1525.
phage T4, DNA packaging, 9-aminoacridine effects on 4156.
structure/formation, kinetics, phage T4 156.
Hearing loss,
association-cytomegalovirus infection, man, case reports 2560.
association-mumps, children 406.
association-mumps, mechanisms, man 4441.
association-mumps virus infection, man, case reports 2593.
association-rubella (congenital), prevention, man 3197.
hamsters, association-vaccinia virus infection 6765.
hepatitis A association, case reports 1123.
viruses aetiology 1836.
Heart,
blood vessels, pathology, encephalomyocarditis virus experimental infection, mice neonates 4549.
cells, action potential/membrane potential, herpes simplex virus 1 infection effects on 4613.
diseases, association-viruses, man, review 5886.
diseases, effects on immune response, influenza A virus vaccination, man 6491.
diseases, man, coxsackievirus B antibodies levels 3749.
diseases, viruses aetiology, man 5887.
involvement, mumps virus meningitis, case reports 5938.
Heat inactivation,
poliovirus 1 1422.
Heat resistance,
poliovirus 1 1422.
Heat treatment,
combination-polyethylene glycol, inactivation-lettuce mosaic virus, heat treatments + polyethylene glycol 6824.
hepatitis B virus incomplete inactivation 889.
infectious flacherie virus/small flacherie virus/cytoplasmic polyhedrosis virus infection, Bombyx mori 1274.
shellfish/faeces-man, hepatitis A virus inactivation 451.
Heavy metals,
resistance, Enterobacteriaceae, plasmids, transfer, phages 3501.
Hedamycin,
interaction-phage PM-2 closed circular DNA 6897.
Helenium amarum,
helenium virus S/helenium virus Y characterisation/isolation 3949.
Helenium virus S,
characterisation/isolation, Helenium amarum 3949.
Helenium virus Y,
characterisation/isolation, Helenium amarum 3949.
Helianthus annuus,
Alternaria alternata interaction-sunflower mosaic virus 6796.
Heliothis,
nuclear polyhedrosis virus, DNA, characterization 1381.
Heliothis armigera,
cytoplasmic polyhedrosis virus RNA characterization 4003.
granulosis virus/nuclear polyhedrosis virus pathogenicity, dose effects on 5350.
nuclear polyhedrosis virus pathology/biological control, Yugoslavia 2023.
Heliothis virescens,
cytoplasmic polyhedrosis virus infection, effects on oxygen uptake 2739.
virus-like particles injection during Campoletis sonorensis oviposition 5352.
Heliothis zea,
biological control, nuclear polyhedrosis virus 8426.
cell lines, baculovirus virus-like particles persistent infection 12.
control, methodology, use-nuclear polyhedrosis virus 5357.
iridescent virus isolation/characterization/pathogenesis 76.
midgut cells, nuclear polyhedrosis virus adsorption/uncoating 1442.
nuclear polyhedrosis virus, DNA, characterization 4007.
Helminthosporium victoriae,
virus-like particles, detection/physical properties 8429.
Helper cells,
role-herpes simplex virus 1 immunity transfer, mice 4304.
Helper viruses,
cytomegalovirus/Kilham rat virus, role-adeno-associated virus 4 replication, in vitro 4049.
xenotropic, env gene recombinants-Friend leukaemia virus, characterization/isolation 4881.
Heme,
biosynthesis, control, hemin, Friend leukaemia virus erythroleukaemia cells 326.

Hemin,
control-heme biosynthesis, Friend leukaemia virus erythroleukaemia cells 326.
Hemitarsonemus latus,
transmission-chilli leaf curl virus, Capsicum annuum, India 5391.
Hemorrhagic fever,
Ebola virus, diagnosis/pathology, man 3763.
Henbane mosaic virus,
properties/infection incidence/symptoms, Nicotiana, Bulgaria 2832.
HEp-2 cells,
poliovirus infected, enucleated, effects on lysosomal enzymes/poliovirus replication 4050.
Heparin,
effects on simian sarcoma virus DNA polymerase (RNA-dependent) 150.
Heparin sulphate,
metabolism, SV40 transformed cells, mice 301.
Hepatitis,
adenovirus, association-immunosuppression, case reports 7286.
aetiology, coxsackievirus B3, children 5921.
albumin/globulins levels, sera, cirrhosis/hepatocellular carcinoma, comparative studies, man, Ghana 983.
associated anaemia (aplastic), children, case reports 1876.
associated cirrhosis/splenomegaly, man, case reports 2599.
association-blood transfusion, haemophilia, man 1879.
association-bone marrow aplasia, case reports 3772.
association-coxsackievirus B4 infection, infants, case reports 2568.
association-herpesvirus stomatitis, man, case reports 368.
association-kidney function, man 3209.
association-stomach tumours, case reports 4394.
association-varicella, case reports 6635.
asssociation-gastritis, case reports 4443.
bile salts, postprandial changes, man 1114.
blood coagulation changes/treatment, heparin, children 8247.
book 565, 7492.
chickens, reovirus (avian) induction 1253.
classification/diagnosis/prognosis, use-liver biopsy, man 7329.
clinical manifestations/treatment, man, review 8251.
cobalt-activated acylase, characterization, man 7323.
correlation-hepatitis B e antigen/hepatitis B surface antigens levels, man 3098.
cytomegalovirus, association-coagulation inhibition, case reports 3741.
cytomegalovirus, case reports 5902.
cytomegalovirus, children, neuroblastoma, case reports 8209.
detection-lymphocytes transformation inhibitors/relationship-prognosis, man 4327.
diagnosis, enzymes activity, man 7279.
diagnosis, laparoscopy/liver biopsy, man 5868.
diagnosis, use-single-stranded DNA antibodies 1065.
diagnosis/management/pathology, man, review 7328.
diagnosis/risks, travellers 1824.
diagnosis/treatment, man 7379.
diagnosis/treatment, review 1826.
differential diagnosis-hepatitis (acute)/hepatitis (chronic active)/cirrhosis, man 5866.
differential diagnosis-obstructive jaundice, enzymes levels, serum, man 6612.
differential diagnosis-thyrotoxicosis, jaundice, man 3726.
distribution, man, USSR 5268.
economics, man 2598.
effects on fibrin formation, man 5941, 6666.
effects on lecithin-cholesterol acyltransferase activity, man 5939.
effects on serum proteins electrophoresis patterns, man 4445.
epidemiology, man, British Isles 1920.
epidemiology/transmission/control/prophylaxis/pathology, man, review 4497.
α-foetoprotein levels, serum, patients 2595.
fucose/hexose levels, man 5211.
glucose tolerance, patients 1116.
glutamic oxaloacetic transaminase levels, serum, man 2603.
haptoglobin levels, serum, man 2600.
hepatitis B surface antigen carriers, review 7378.
hepatitis B surface antigen enzyme-linked immunosorbent assay, man 869.
hepatitis B surface antigen negative, transmission (transplacental), man, case reports 1908.
hepatitis B surface antigen negative/positive, immunoglobulin E levels, man 1729.
hepatitis B surface antigen negative/positive, lipids distribution/levels, children 5949.
hepatitis B surface antigen negative/positive, complement metabolism, man 6544.
hepatitis B surface antigen negative/positive, man, lymphocytes reactivity 8018.
hepatitis B surface antigen positive, association-rheumatoid arthritis, case reports 413.
hepatitis B surface antigen positive, clinical significance-hepatitis B e antigen, man 6659.
hepatitis B surface antigen positive, DNA polymerase activity, treatment, adenine arabinoside 1176.
hepatitis B surface antigen positive, hepatitis B e antigen/antibodies incidence, man 6000.
hepatitis B surface antigen positive, treatment, levamisole 3271.
hepatitis B surface antigen positive/negative, association-Alcaligenes faecalis/Escherichia coli agglutinins 1881.
hepatitis B surface antigen positive/negative, immune complexes detection 6542.
herpes simplex virus 1, man, case reports 8200.
immunity induction, halothane exposure, man 282.
immunoprophylaxis/incidence/transmission, haemodialysis, man, review 2647.
incidence, dentistry personnel 3252.
infection, laboratory animals, monkeys 8364.
ischaemic hepatitis, presentation-hepatitis (viral), man 7326.
lymphocytes B/lymphocytes T levels, children, India 6506.
man, liver necrosis, relationship-aldolase isoenzymes activity 4444.
Marmota monax, hepatitis B virus virus-like particles association 1212.
morbidity/mortality, children, South Africa 1831.
mortality, Nigeria 408.
occupational diseases, laboratories-personnel, prophylaxis 8328.
outbreaks, man, USA, Nebraska 442.
pathogenesis, man 1120.
pathology, man, review 8250.
patients, hepatitis B surface antigen detection, immune complexes, kidney 4952.
patients, picornavirus isolation/physicochemical characteristics 6144.
prognosis, factors affecting, man, review 5943.
prognosis, man 5947.
prognosis, significance-hepatitis B e antigen detection, man 1885.
prognosis, use-α_1-antitrypsin/α_2-macroglobulin deficiency, man 6722.

IRL©1979

Hepatitis,(continued)
prognosis/treatment, infants 4449.
review 352.
risks, hospitals personnel, British Isles 5278.
serum bile acids levels, man 1118.
subclinical, association-measles, juveniles, case reports 8241.
symptomatology/transmission/treatment, man, review 3206.
transmission, risks, blood products transfusion, surgery patients 2637.
transmission, water supplies, man, hypothesis 8309.
transmission risks, injection, man 1909.
transmission risks, syringes, man 2636.
treatment, Arogya-wardhani/Punarnavadi-kwath, man, clinical trials 5290.
treatment, glucocorticosteroids + magnetic fields, man 2669.
treatment, interferon containing plasma 4979.
treatment, man 6028.
treatment, ribavirin, children 3837.
treatment, silimarina, man 6719.
treatment, silymarin, children, clinical trials 8337.
treatment, use-Kupffer cells activation, man 1940.
Hepatitis (acute),
adenosine deaminase activity, lymphocytes, man 8013.
alcohol/hepatitis virus induced, clinical manifestations/pathogenesis/prognosis, man 1878.
apolipoprotein A/cholesterol/lipids levels, serum, man 1877.
associated liver necrosis, treatment, man 1941.
cholesterol/lipids/lipoproteins levels, serum, man 1119.
differential diagnosis-hepatitis/hepatitis (chronic active)/cirrhosis, man 5866.
effects on lipids metabolism, children 5212.
effects on lymphocytes B/lymphocytes T levels, man 5746.
ferritin enzyme immunoassay, methodology, man/rats 3528.
glutamic dehydrogenase/vitamin B12 levels, children 3204.
hepatitis B surface antigen radioimmunoassay, man 2278.
immunoglobulin G/immunoglobulin D levels, man 984.
iron content-serum ferritin, man 3202.
leucocytes (neutrophilic) function, serum factors affecting, man 3095.
lipids levels, patients 415.
lipids levels/prognosis, children 416.
liver specific membranes lipoproteins antibodies, radioimmunoassay, man 1725.
man, hepatitis B surface antigen persistence 6665.
C-peptide/insulin levels, serum, man 4448.
phospholipids levels/metabolism, man 7325.
prognosis, relationship-factor V/factor XIII/plasminogen levels, man 3727.
prognosis, relationship-α2-HS-glycoprotein/prealbumin levels, man 1117.
serum proteins levels, children 7334.
treatment, isoprinosine, man, clinical trials 3269.
Hepatitis (chronic),
association-blood transfusion case reports 2612.
association-haemophilia, role-factor VIII treatment 3207.
classification/aetiology/pathogenesis 1115.
hepatitis B antigen deposition/levels, liver/serum, man 8020.
hepatitis B e antigen/antibodies incidence, man 5273.
hepatitis B surface antigen positive, Dane particles associated-hepatitis B core antigen 4331.
immune status/pathogenesis, correlation-hepatitis B surface antigen/antibodies, children 1730.
incidence, following hepatitis A/hepatitis B/hepatitis (non-A, non-B), man 5213.
iran, hepatitis B core antigen antibodies detection/significance 6540.
iran, Italy, hepatitis B virus aetiology 1883.
man, liver cells microscopy (phase contrast) 3775.
man, liver/lymph nodes, hepatitis B surface antigen detection/pathology 7332.
prognosis/treatment, man, review 3779.
role-hepatitis B virus infection, man, Argentina 5954.
treatment, MS antigens, man 1174.
treatment, review 3270.
viruses aetiology/clinical manifestations, case reports 5940.
Hepatitis (chronic active),
association-agammaglobulinaemia, case reports 3769.
association-autoimmune haemolytic anaemia, man 4447.
BCG immunotherapy, children 2668.
clinical manifestations/epidemiology/histopathology, association-hepatitis B core antigen/hepatitis B surface antigen, man 4453.
clinical manifestations/pathogenesis, relationship-aetiology, man 5210.
clinical manifestations/pathology/treatment, dogs 2682.
complement levels, man 8014.
diagnosis, immunofluorescence, man 3527.
differential diagnosis-hepatitis/hepatitis (acute)/cirrhosis, man 5866.
effects on immune response, man 281.
effects on lymphocytes B/lymphocytes T levels, man 5746.
hepatitis B surface antigen coated target cells, antibody-dependent cell-mediated cytotoxicity 5057.
hepatitis B surface antigen detection, liver, man, Hong Kong 5217.
hepatitis B surface antigen/double stranded DNA antibodies levels 1731.
hepatitis B surface antigen negative/positive, treatment, immunosuppressive agents, man 7389.
hepatitis B surface antigen positive, association-hypogammaglobulinaemia, case reports 5223.
hepatitis B surface antigen positive, pathogenesis/recovery/treatment, man, case reports 3774.
hepatitis B surface antigen positive, treatment, levamisole, children 5292.
hepatitis B surface antigen positive, treatment, liver allografts, case reports 5293.
hepatitis B surface antigen-positive/negative, treatment, azathioprine/methylprednisolone 456.
hepatitis B virus aetiology, incidence, man, Austria 7322.
immune complexes detection 6542.
lesions histology, classification 418.
liver specific membranes lipoproteins antibodies, radioimmunoassay, man 1725.
lymphocytes B/lymphocytes T levels, man 3640.
lymphocytes cytotoxicity, relationship-autoantibodies/immunoglobulins levels/prognosis, man 283.
man, hepatitis B surface antigen immune response (cell-mediated) 988.
pathogenesis, role-hepatitis B virus immune complexes, man 987.
pathogenesis/clinical manufestations, comparison-hepatitis B surface antigen positive/negative patients, Israel 2601.
pathogenesis/prognosis/hepatitis B virus association-liver tumours development 1124.
prognosis, relationship-factor V/factor XIII/plasminogen levels, man 3727.
prognosis, use-hepatitis B e antigen/hepatitis B core antigen/hepatitis B surface antigen, man 5220.
ribosomes antibodies detection, man 8246.
role-hepatitis A virus/hepatitis B virus 1121.
treatment, azathioprine, case reports 7387.
treatment, azathioprine, complications, testis, man 3844.
treatment, azathioprine/corticosteroids/penicillamine 6029.

Hepatitis (chronic active),(continued)
treatment, immunosuppression, man 6027.
treatment, recommendations, man 1942.
treatment, transfer factor, man 7391.
Hepatitis (chronic persistent),
clinical manifestations/histology/prognosis, man, case surveys 7324.
hepatitis B surface antigen positive, immunotherapy, man 7388.
histology/prognosis, man, review 8249.
man, review 8253.
pathology, case reports 8248.
treatment, azathioprine/corticosteroids/penicillamine 6029.
Hepatitis (fulminant),
hepatitis B surface antigen positive, management, pregnancy, man 7390.
management/treatment, man 3845.
treatment, man 5291.
Hepatitis (inclusion body),
chickens, adenovirus aetiology/pathoenesis 1958.
Falco sparverius, herpesvirus characterization/isolation 6143.
inclusions ultrastructure/pathology/role-parvovirus, chickens 6044.
induction, bursectomy, chickens 1959.
Panthera pardus pardus, case reports 6058.
Hepatitis (non-A, non-B),
aetiology, review 1122.
aetiology, role drugs/hepatitis B virus, haemodialysis, man 8261.
aetiology/diagnosis, man 3203.
aetiology/differential diagnosis, man 3770.
aetiology/incidence/pathology, blood transfusion, man 8266.
aetiology/prophylaxis/symptoms/transmission 2597.
associated erythropoiesis, man, case reports 3771.
association factor VIII transfusion, man 3208.
blood infectivity, kinetics, Pan troglodytes 6789.
clinical manifestations/differential diagnosis/electron microscopy/prophylaxis, man, review 5942.
clinical manifestations/transmission, man 8252.
control/epidemiology, review 2658.
cytomegalovirus/Epstein Barr virus antibodies incidence, man 7296.
detection abnormal endoplasmic reticulum, liver cells, Pan troglodytes 7458.
epidemiology/incidence, man, Sweden 5266.
epidemiology/prophylaxis/transmission, review 2635.
following blood transfusion, comparison-hepatitis B, man 3205.
hepatitis virus C antigen, characterization 2300.
histology, relationship-prognosis, man 8265.
immune complexes detection, man/Pan troglodytes 7196.
immunization (passive) 2996.
immunoprophylaxis/pathology/transmission, man, review 2596.
incidence-hepatitis (chronic), man 5213.
man, review 7327, 7335.
outbreaks, harmodialysis patients 5994.
prevention/prophylaxis, man, review 8327.
review 7330.
risks, haemophilia patients 7369.
transmission, blood products, man/monkeys 5269.
transmission, Pan troglodytes 2020.
transmission risks/prophylaxis, blood transfusion, man 443.
virus-like particles detection, man 8267.

diagnosis/epidemiology/prognosis, man 6658.

Hepatitis (viral),
presentation-ischaemic hepatitis, man 7326.
Hepatitis A,
aetiology/diagnosis, man 3203.
aetiology/differential diagnosis, man 3770.
age distribution/seroepidemiology, children, France 8311.
association-anaemia (aplastic), children, case reports 7331.
association-diabetes, man, case reports 5215.
association-gastrointestinal tract infection/malaria, man, Greece 2638.
association-glucose-6-phosphate dehydrogenase deficiency, case reports/clinical manifestations, man 5216.
association-hearing loss, case reports 1123.
clinical manifestations/differential diagnosis/electron microscopy/prophylaxis, man, review 5942.
clinical manifestations/transmission, man 8252.
control/epidemiology, review 2658.
diagnosis, antibodies detection, man 5869.
diagnosis, electron microscopy, faeces, children 8174.
diagnosis, enzyme-linked immunosorbent assay 6436.
diagnosis, man, review 8173.
diagnosis, radioimmunoassay 7082.
diagnosis/epidemiology, pregnancy, man 8172.
diagnosis/epidemiology/prognosis, man 6658.
diagnosis/prognosis, man 5867.
diagnosis/transmission/pathogenesis/prophylaxis, hospitals, man, review 409.
encephalopathy/coma incidence/treatment, man 7370.
epidemics, antibody response/clinical manifestations/epidemiology, man 5270.
epidemiology/incidence, man, Sweden 5266.
epidemiology/prophylaxis/transmission, man 6699.
food poisoning, incidence, British Isles 1910.
immunization (passive), man 2993.
immunoglobulin G/immunoglobulin M levels, man 6539.
immunopathology, man, review 7190.
immunoprophylaxis/pathology/transmission, man, review 2596.
incidence, hospitals personnel 5993.
incidence, man, British Isles, travel effects on 1911.
incidence, man, Italy 7367.
incidence-hepatitis (chronic), man 5213.
man, review 5214, 7327, 7335, 8245.
outbreaks, control/epidemiology/treatment, man 8310.
outbreaks, enzyme-linked immunosorbent assay/immunoelectron microscopy 8312.
outbreaks, epidemiology, man, India 1156.
outbreaks, epidemiology, man, Poland 2639.
outbreaks, epidemiology, man, Sicily 7368.
parvovirus isolation attempts, man 410.
prevention/prophylaxis, man, review 8327.
review 7330.
transmission, water, review 8314.
transmission failure, children, Greece 5267.
transmission risks/prophylaxis, blood transfusion, man 443.
viruses detection-leucocytes, biological activity/characterization, man 5747.
Hepatitis A virus,
antibodies, enzyme-linked immunosorbent assay 7081.
antibodies, incidence, correlation-age, man 2641.
antibodies, incidence, man, France 5995.
antibodies, levels, liver tumours, man 8162.
antibodies, radioimmunoassay, methodology 7868.
antibodies incidence, man, Italy 3251.
antibodies incidence, man, mental retardation institutions 1912.
antibodies incidence, man, Spain 5271.

IRL©1979

Iepatitis A virus,(continued)
ntibodies incidence/significance, man, Netherlands 8313.
ntibodies radioimmunoassay/transmission, man 6429.
ntigens, isolation/physical characteristics, man 4947.
ntigens, localization, liver cells, Sanguinus mystax, immunoelectron microscopy 3529.
symptomatic infection, incidence, adolescents, man 4450.
haracterization/diagnosis/transmission, review 2153.
haracterization/epidemiology/prophylaxis, man/animals 1907.
haracterization/epidemiology/prophylaxis/transmission, review 2635.
haracterization/infection treatment 2154.
hronic infection, man, review 7291.
etection, immunoelectron microscopy/radioimmunoassay, man 5005.
nzyme-linked immunosorbent assay 863.
pidemiology, patients/medical personnel, institutions 1155.
xperimental infection-Callithrix/Jacchus/Sanguinus, antibody response/pathology/susceptibility 4564.
rowth, kidney/cells liver 5443.
mmunization (passive), children 2995.
mmunization (passive), man 2994.
nactivation, heat treatment, shellfish/faeces-man 451.
nfection, antibody response, man 985.
nfection, athymic nude mice, failure 543.
nfection, incidence, thalassaemia patients, role-blood transfusion 1157.
nfection, Saguinus mystax, antigens localization-organs 2735.
aundice, association-pregnancy, man 411.
nan, review 5214.
narkers, detection, methodology 7080.
nixed infection-hepatitis B virus, clinical manifestations, Pan troglodytes 6790.
urification, chromatography (affinity), faeces, man 5412.
urification, faeces, man, methodology 572.
ole-hepatitis (chronic active), comparison-hepatitis B virus 1121.
eroepidemiology, children, USA, New York 444.
eroepidemiology, man, Austria 7371.
eroepidemiology, man, Fanafuti Is. 8315.
eroepidemiology, man, Japan 2640.
eroepidemiology, man, Sri Lanka 6698.
ngle-stranded DNA isolation 1382.
ansmission, food, review 3824.
ansmission, food/molluscs 3823.
ansmission/contamination-food, man, review 424.
accines, development/efficacy, monkeys 3050.
Iepatitis B,
etiology/diagnosis, man 3203.
etiology/differential diagnosis, man 3770.
ntibody-dependent cell-mediated cytotoxicity, serum blocking factors, man 1728.
ntigen e/antibodies activity, patients 1126.
ssociated haemodialysis, immunization (passive), man 909.
ssociated liver tumours, measles virus antibodies levels, man 8165.
ssociation-anaemia (aplastic), case reports 3778.
ssociation-arthritis/pathogenesis, role-immune complexes 6660.
ssociation-aspergillosis, man, case reports 2602.
ssociation-bone marrow hypoplasia, case reports/mechanisms, man 5218.
ssociation-gastrointestinal tract infection/malaria, man, Greece 2638.
ssociation-Gianotti-Crosti syndrome, case reports 2653.
association-haemodialysis, hepatitis B e antigen/hepatitis B surface antigen incidence/prognosis, man 3212.
association liver tumours, man 2530.
association-myositis, case reports 3214.
association-polyarteritis nodosa, case reports 2610.
association-sexually transmitted diseases, man 3826.
association-tenosynovitis/differential diagnosis Neisseria gonorrhoeae infection, case reports 8259.
association-urticaria, pathogenesis, role immune complexes, man 1128.
carriers, chimpanzees, zoological gardens, British Isles 523.
chromosome aberrations, lymphocytes, man 8262.
clinical manifestations/differential diagnosis/electron microscopy/prophylaxis, man, review 5942.
clinical manifestations/immune response, man, review 3780.
clinical manifestations/incidence, neonates, Denmark 2646.
clinical manifestations/transmission, man 8252.
complications, leishmaniasis (visceral), man 5953.
concurrent-infectious mononucleosis/malaria, man, case reports 417.
control/epidemiology/role liver tumours, review 2658.
Dane particles occurrence, relationship hepatitis B e antigen/antibodies, man 4330.
diagnosis, assays-Dane particles associated DNA polymerase, man 6614.
diagnosis, enzyme-linked immunosorbent assay/haemagglutination (passive reverse)/radioimmunoassay 6431.
diagnosis, enzyme-linked immunosorbent assay 6436.
diagnosis, Hepatitis B core antigen/hepatitis B surface antigen/antibodies levels, serum/tissues, comparison, man 3728.
diagnosis, hepatitis B surface antigen detection, radioimmunoassay/immunodiffusion/immunoelectrophoresis (counter) 867.
diagnosis, liver electron microscopy 7280.
diagnosis, man, review 8173.
diagnosis, man, use-hepatitis B core antigen antibodies 5871.
diagnosis, man, use-hepatitis B core antigen/hepatitis B surface antigen/antibodies 5872.
diagnosis, use-autoantibodies determination 1067.
diagnosis, use-hepatitis B e antigen, haemodialysis patients 5870.
diagnosis, use-hepatitis B surface antigen detection, bile, man 5172.
diagnosis/epidemiology, pregnancy, man 8172.
diagnosis/epidemiology/prognosis, man 6658.
diagnosis/pathology/prophylaxis/transmission, man, review 5219.
diagnosis/prognosis, man 5867.
diagnosis/prophylaxis, man 6613.
diagnosis/transmission/pathogenesis/prophylaxis, hospitals, man, review 409.
effects on serum proteins electrophoresis patterns, man 5944.
encephalopathy/coma incidence/treatment, man 7370.
epidemiology/incidence, man, Sweden 5266.
epidemiology/prophylaxis, review 2605.
epidemiology/prophylaxis/transmission, man 6699.
epidemiology/screening, man, German Dem. Rep. 6705.
following blood transfusion, comparison-hepatitis (non-A, non-B), man 3205.
hepatitis B core antigen/hepatitis B e antigen antibodies, immunoglobulin G/immunoglobulin M, levels, relationship-prognosis, man 4452.
hepatitis B e antigen/antibodies detection, radioimmunoassay, man 6439.
hepatitis B e antigen/antibodies incidence, man 5273.

Hepatitis B,(continued)
hepatitis B e antigen characterization/incidence/significance/transmission, man, review 5751.
hepatitis B e antigen/hepatitis B surface antigen immune response (cell-mediated), man 4332.
hepatitis B e antigen incidence/significance, man 284.
hepatitis virus detection-liver, relationship-immune response, man 3211.
immunization (passive) 2996.
immunization (passive), man 2993.
immunization (passive), recommendations, man 3576.
immunoglobulin G/immunoglobulin M levels, man 6539.
immunoglobulin G/immunoglobulin M levels, relationship-prognosis, man 6546.
immunopathology, man, review 7190, 8021.
immunoprophylaxis, use-interferon containing plasma/interferon inducers, man 7930.
immunoprophylaxis/pathology/transmission, man, review 2596.
incidence, hospitals personnel 5993.
incidence, laboratories personnel 3256.
incidence, man, Italy 7367.
incidence-hepatitis (chronic), man 5213.
incidence/prophylaxis, diabetes, man 1916.
incidence/screening/transmission prevention, man, Czechoslovakia/USSR 4505.
incidence/symptoms, haemodialysis patients 5945.
incubation time, administration routes effects on, man 5956.
liver pathology, role-immune response (cell-mediated)/immune response (humoral), man 3643.
liver ultrastructure, man 8258.
lymphocytes, rosette formation, man 7191.
lymphocytes B/lymphocytes T levels, man 5276.
man, hepatitis B surface antigen detection, blood, immune autoradiography 5617.
man, hepatitis B surface antigen/immunoglobulin M/glutamic oxaloacetic transaminase/glutamic pyruvic transaminase levels, serum 8254.
man, review 5214, 7327, 7335, 8245.
man/monkeys, treatment, interferon 2351.
outbreaks, control, haemodialysis patients 5286.
outbreaks, epidemiology, man, Sicily 7368.
outbreaks, haemodialysis units, false-positives, man 8320.
outbreaks, man 8323.
pathogenesis, role-hepatitis B e antigen, man 6455.
patients, liver, DNA derived from, transfection-BSC cells, antigens characterization 1597.
pregnancy, clinical manifestations/effects on foetuses, man, case reports 4451.
prevention/prophylaxis, man, review 8327.
prevention/prophylaxis/risks, hospitals personnel 6015.
prognosis, man, case surveys 5955.
prognosis, man, relationship-hepatitis B surface antigen persistence, blood 5950.
prognosis, relationship-hepatitis B e antigen/antibodies, man 7333.
prognosis, relationship-immune status, man 7192.
prognosis, significance-smooth muscle antibodies immunoglobulins classes, man 5952.
prophylaxis, immunoglobulins, efficacy 1651.
prophylaxis, immunoglobulins, neonates 218.
prophylaxis, immunoglobulins, recommendations, man 1654.
prophylaxis, vaccination, man, USA, review 2371.
prophylaxis/transmission, man, hospitals 2648.
relationship-Gianotti-Crosti syndrome, man 1130.
review 7330.
risks, haemophilia patients 7369.
risks, hospitals personnel, Germany, Fed. Rep. 6001.
susceptibility, man, genetic analysis 8263.
transmission, blood transfusion, prevention recommendations 7377.
transmission, commercial immunoglobulins, man 8324.
transmission, risks, man, family studies 8319.
transmission failure, children, Greece 5267.
transmission prevention/risks, dentistry, review 5280.
transmission risks, hepatitis B surface antigen carriers, man 6713.
transmission risks/prophylaxis, blood transfusion, man 443.
treatment, corticosteroids, efficacy/recommendations/side effects, man 6720.
treatment, interferon, man, review 5647.
treatment, prednisolone, man 3846.
treatment, transfer factor, man 6721.
Hepatitis B antigen,
association-porphyria cutanea tarda, man, case reports 8257.
deposition/levels, liver/serum, cirrhosis/hepatitis (chronic), man 8020.
determination, immunoelectrophoresis (counter)/haemagglutination (passive)/radioimmunoassay, comparison, man 870.
enzyme immunoassay/radioimmunoassay, comparison 195.
enzyme-linked immunosorbent assay 6441.
incidence, gonorrhoea/syphilis, man 1918.
incidence, serum, liver tumours, man 1820.
preparation/purification, absorption immunoelectrophoresis 4608.
radioimmunoassay 4928.
Hepatitis B brno antigen,
characterization/detection/association-hepaitis B virus infection markers, man 7194.
Hepatitis B core antigen,
antibodies, detection, immunoelectrophoresis (counter) 2280.
antibodies, detection, markers-hepatitis B virus infection, man 1827.
antibodies, detection, radioimmunoassay 866.
antibodies, detection/significance, hepatitis (chronic), man 6540.
antibodies, hepatitis B surface antigen carriers 6543.
antibodies, immunoglobulin G/immunoglobulin M, levels, relationship-hepatitis B virus persistent infection, man 3644.
antibodies, immunoglobulin G/immunoglobulin M, levels, relationship-prognosis, hepatitis B, man 4452.
antibodies, incidence, haemophilia patients 6004.
antibodies, use-hepatitis B diagnosis, man 5871.
antibodies detection, immunofluorescence blocking test 6440.
antibodies positive blood donors, hepatitis B surface antigen detection, methodology 2279.
antibody response, hepatitis B virus infection/hepatitis B surface antigen carriers 5749.
associated-Dane particles, hepatitis B surface antigen positive hepatitis (chronic) 4331.
association-hepatitis (chronic active), clinical manifestations/epidemiology/histopathology, man 4453.
detection, correlation-liver cells dysplasia, cirrhosis/liver tumours, man 3776.
detection, electron microscopy/immunofluorescence/immunoperoxidase test, liver biopsy, man 3533.
detection, liver, correlation-pathology, immunoperoxidase test, man 7869.
detection, malignant/non-malignant cells, liver tumours, man 5859.
immune response (cell-mediated)/immune response (humoral), role-liver pathology, hepatitis B man 3643.
incidence, liver tumours, man 7269.

IRL©1979

Hepatitis B core antigen,(continued)
levels, serum/tissues, comparison, diagnosis-hepatitis B, man 3728.
radioimmunoassay 6444.
radioimmunoassay, hepatitis B, children 4329.
use-diagnosis hepatitis B, man 5872.
use-hepatitis (chronic active) prognosis 5220.
Hepatitis B e antigen,
antibodies, immunoglobulin G/immunoglobulin M, levels, relationship-prognosis, hepatitis B, man 4452.
antibodies, relationship-Dane particles occurrence, hepatitis B, man 4330.
antigenic determinants, association-Dane particles cores 4948.
antigenic determinants identification 3547.
association-DNA polymerase containing Dane particles 6457.
association-hepatitis B surface antigen/liver enzymes levels, hepatitis B surface antigen carriers, man 2541.
association-hepatitis B surface antigen subtypes, man, Finland 6708.
association-hepatitis B virus cores 4949.
characterization/incidence/significance/transmission, hepatitis B, man, review 5751.
characterization/purification, serum, man 6456.
characterization/role hepatitis B pathogenesis, man 6455.
detection, Dane particles 5632.
detection, hepatitis B surface antigen carriers, man 6661.
detection, immunodiffusion, hepatitis B surface antigen carriers, man 6437.
detection, radioimmunoassay, hepatitis B, man 6439.
detection, significance-prognosis, hepatitis, man 1885.
distribution/incidence, hepatitis B surface antigen carriers, man 6007.
enzyme-linked immunosorbent assay 6436.
immune response (cell-mediated), liver diseases/hepatitis B, man 4332.
incidence, correlation-hepatitis B surface antigen, liver diseases, man 2449.
incidence, hepatitis B/hepatitis B surface antigen carriers/hepatitis (chronic), man 5273.
incidence, hepatitis B surface antigen carriers/positive hepatitis, man 6000.
incidence, liver tumours, man 7269.
incidence, man, association-liver diseases 3255.
incidence, man, mental retardation institutions 3827.
incidence/association-prognosis, haemodialysis patients 3212.
incidence/significance, hepatitis B, man 284.
levels, correlation-hepatitis B surface antigens, hepatitis, man 3098.
man/hepatitis virus B, prognosis 7193.
maternal status, relationship-hepatitis B virus transmission (vertical), Taiwan 6711.
positive serum, elimination-DNA polymerase associated-Escherichia coli contamination 4923.
radioimmunoassay 2954, 4234.
radioimmunoassay, hepatitis B, children 4329.
relationship-Dane particles occurrence, hepatitis B, man 4330.
relationship-prognosis, hepatitis B, man 7333.
serum, man, correlation-hepatitis B surface antigen associated albumin binding sites 4927.
significance clinical, hepatitis B surface antigen positive hepatitis, man 6659.
use-hepatitis (chronic active) prognosis 5220.
use-hepatitis B diagnosis, haemodialysis patients 5870.
use-hepatitis B virus infection prognosis, dialysis patients 1129.
Hepatitis B surface antigen,
age distribution/incidence, man, Ghana 5279.
antibodies, cytotoxicity-hepatitis B surface antigen secreting liver cells 3641.
antibodies, detection, Groupamatic test, blood donors 1574.
antibodies, detection, man, methodology 4925.
antibodies, enzyme-linked immunosorbent assay 5618.
antibodies, immobilization-artificial proteins membranes 1578.
antibodies, immunoglobulin G/immunoglobulin M, levels, relationship-hepatitis B virus persistent infection, man 3644.
antibodies, incidence, haemophilia patients 6004.
antibodies, levels, commercial immunoglobulins 7083.
antibodies, levels, hepatitis (chronic active) 1731.
antibodies, radioimmunoassay, glutamate oxaloacetate transaminase activity effects on, man 1576.
antibodies, radioimmunoassay, man 4926.
antibodies, subtypes determination, radioimmunoassay 4233.
antigenic determinants, comparison-serum glycoproteins, man 1595.
associated albumin binding sites, radioimmunoassay/correlation-hepatitis B e antigen, serum, man 4927.
association-blood groups/HLA system, man 6712.
association-glucose-6-phosphate dehydrogenase deficiency, man, Tanzania 3210.
association-hepatitis (chronic active), clinical manifestations/epidemiology/histopathology, man 4453.
association-hepatitis B e antigen/antibodies/liver enzymes levels, carriers, man 2541.
association-hepatocellular carcinoma, man 4504.
association-heroin drug abuse, man 8322.
association-jaundice incidence, man 2608.
association-liver tumours, case reports 5861, 6703.
association-liver tumours, correlation-liver cirrhosis, man 2529.
association-liver tumours, man 1061.
association-schistosomiasis, man 7374.
asymptomatic carriers, prognosis, man, Chile 1127.
binding-glycoproteins 888.
biological activity/interference, MRC-5 cells/Vero cells 5444.
carriers, antigen δ/antibodies significance 8019.
carriers, δ-antigen antibodies detection, man 8016.
carriers, clinical manifestations/management, review 2604.
carriers, distribution/incidence-hepatitis B e antigen/antibodies, man 6007.
carriers, hepatitis B core antigen antibody response 5749.
carriers, hepatitis B core antigen antibodies 6543.
carriers, hepatitis B e antigen/antibodies incidence, man 5273.
carriers, hepatitis B transmission risks, man 6713.
carriers, hepatitis B virus transmission risk, contacts 1161.
carriers, immune complexes, clinical significance/incidence, man 8015.
carriers, incidence, jaundice patients 4455.
carriers, incidence, relationship-histocompatibility antigen HLA 5748.
carriers, leprosy, glutamic oxaloacetic transaminase/glutamic pyruvic transaminase levels 6664.
carriers, liver diseases incidence 4454.
carriers, liver enzymes levels/histology, man 6662.
carriers, liver pathology, man 8256.
carriers, man, detection-hepatitis B e antigen/antibodies, immunodiffusion 6437.
carriers, man, hepatitis B e antigen/antibodies detection 6661.
carriers, man, liver cells microscopy (phase contrast) 3775.
carriers, management, pregnancy 4509.
carriers, management/relationship-hepatitis, review 7378.

Hepatitis B surface antigen,(continued)
carriers/positive hepatitis, hepatitis B e antigen/antibodies incidence, man 6000.
characterization, review 2605.
circulating immune complexes, detection, vasculitis, man 4328.
coated target cells, antibody-dependent cell-mediated cytotoxicity, hepatitis B virus infection/hepatitis (chronic active) 5057.
comparison serum lipoproteins, man, electron microscopy 1593.
correlation-hepatitis (chronic)/liver cirrhosis immune status/pathogenesis, children 1730.
detection, bile, use diagnosis-hepatitis B, man 5172.
detection, blood, enzyme-linked immunosorbent assay/radioimmunoassay 4229.
detection, blood, immune autoradiography, hepatitis B, man 5617.
detection, blood/liver/lymph nodes, hepatitis (chronic)/liver cirrhosis, man 7332.
detection, complement fixation/immunodiffusion/immunoelectrodiffusion/latex agglutination/radioimmunoassay, comparison 3531.
detection, correlation-liver cells dysplasia, cirrhosis/liver tumours, man 3776.
detection, electron microscopy/immunofluorescence/immunoperoxidase test, liver biopsy, man 3533.
detection, enzyme immunoassay 194, 4924.
detection, enzyme immunoassay/haemagglutination (passive reverse)/radioimmunoassay 6443.
detection, enzyme-linked immunosorbent assay/radioimmunoassay comparison 4231.
detection, enzyme linked immunosorbent assay/haemagglutination (passive reverse)/radioimmunoassay, comparison 7873.
detection, haemagglutination (passive)/immunoelectrophoresis (counter)/radioimmunoassay, comparison 4922.
detection, haemagglutination (passive reverse), man 6442.
detection, haemagglutination inhibition/latex agglutination, automated methods 2276.
detection, haemagglutination/radioimmunoassay, blood sampling methodology effects on, man 3532.
detection, immune complexes, glomerulonephritis, man 3777.
detection, immune complexes, kidney, hepatitis patients 4952.
detection, immunoelectrophoresis (counter) 1577.
detection, immunofluorescence, liver cells membranes, hepatitis B surface antigen carriers, man 6541.
detection, immunoperoxidase, liver biopsy, carriers 5620.
detection, liver, cirrhosis/hepatitis (chronic active)/liver tumours, man, Hong Kong 5217.
detection, liver, correlation-pathology, immunoperoxidase test, man 7869.
detection, liver, orcein staining 2540.
detection, liver biopsy, methodology, man 2538.
detection, liver biopsy, orcein staining, man 1068.
detection, liver biopsy, stains comparison, man 3729.
detection, liver tumours, immunofluorescence (indirect), man 2528.
detection, malignant/non-malignant cells, liver tumours, man 5859.
detection, methodology 1575.
detection, methodology, hepatitis B core antigen antibodies positive blood donors 2279.
detection, methodology comparison 7872.
detection, modified immunoperoxidase test, liver biopsy, man 4230.
detection, potentiometry 2953.
detection, radioimmunoassay/immunodiffusion/immunoelectrophoresis (counter), hepatitis B diagnosis 867.
detection/immune response, review 2277.
detection/incidence, immunoelectrophoresis (counter), man, Czechoslovakia 7084.
detection/significance, hepatocellular carcinoma, man 7267.
detection/transmission risks, blood donors 6706.
distribution/incidence, man, Ghana 6700.
enzyme immunoassay/haemagglutination (passive reverse)/radioimmunoassay 7870.
enzyme-linked immunosorbent assay 3530.
enzyme-linked immunosorbent assay 7871.
enzyme-linked immunosorbent assay, comparison-haemagglutination/radioimmunoassay 5619.
enzyme-linked immunosorbent assay, hepatitis, man 869.
enzyme-linked immunosorbent assay/radioimmunoassay 6430.
epidemiology, man, British Isles 1920.
epidemiology, man, computers analysis 7372.
epidemiology, patients/medical personnel, institutions 1155.
galactose residues, labelling 1592.
identification, liver, stains methodology 1066.
immune complexes, hepatitis B virus infection, man 6545.
immune complexes-antibodies, purification/electron microscopy, methodology 4951.
immune response (cell-mediated), hepatitis (chronic active), man 988.
immune response (cell-mediated), liver diseases/hepatitis B, man 4332.
immune response (cell-mediated), man, hepatitis B virus infection 5750.
immune response (cell-mediated)/immune response (humoral), role-liver pathology, hepatitis B, man 3643.
immunoassay, solid phase methods 6428.
immunoelectron microscopy, man 4724.
inactivated, use-hepatitis B virus vaccination, efficacy/immune response/safety, man 5006.
incidence, association-membranous nephropathy, man 3216.
incidence, blood donors, Vienna 5996.
incidence, blood donors/pregnancy, man, India 4503.
incidence, children, Brazil 2650.
incidence, children, Italy 6701.
incidence, cirrhosis/liver tumours, man, Taiwan 6005.
incidence, clustering, families 2644.
incidence, correlation-hepatitis B e antigen/antibodies, liver diseases, man 2449.
incidence, dentistry personnel 3252.
incidence, Europeans/Papua New Guineans, Papua New Guinea 1914.
incidence, glomerulonephritis, children 1727.
incidence, hospitals personnel 6709.
incidence, kidney/serum, glomerulonephritis, man 2607.
incidence, kidney transplantation, relationship-histocompatibility antigen HLA, man 414.
incidence, leprosy, man 6663.
incidence, liver diseases/tumours, man 7268.
incidence, liver tumours, man 7269.
incidence, man, Bismarck Archipelago 2642.
incidence, man, mental retardation institutions 3827.
incidence, man, Nauru 2643.
incidence, man, Romania 1921.
incidence, man, Tuvalu 3828.
incidence, medical personnel 6702.
incidence, multiple blood transfusion effects on, man 6704.
incidence, relationship-haptoglobins typing, man, German Dem. Rep. 4502.

IRL©1979

Hepatitis B surface antigen,(continued)
ncidence, sexually-transmitted diseases patients 7373.
ncidence, thalassaemia/families, man 1880.
ncidence/association-prognosis, haemodialysis patients 3212.
ncidence/levels, haemodialysis, kidney transplantation, man 8264.
ncidence/persistence, haemodialysis patients 5221.
ncidence/screening, radioimmunoassay, man 1158.
ncidence/subtypes distribution, man, Taiwan 1913.
ncidence/transmission, kidney transplantation, man 3639.
solation, blood, man, methodology 4609.
evels, correlation-hepatitis B e antigen, hepatitis, man 3098.
evels, serum/tissues, comparison, diagnosis-hepatitis B, man 3728.
ipids removal effects on morphology/antigenicity/ polypeptides composition 203.
ocalization, liver, staining 1828.
ocalization, liver biopsy, methodology 2539.
egative hepatitis, transmission (transplacental), man, case reports 1908.
egative/positive hepatitis (chronic active), treatment, immunosuppressive agents, man 7389.
egative/positive hepatitis, immunoglobulin E levels, man 1729.
egative/positive hepatitis, lipids distribution/levels, children 5949.
egative/positive hepatitis, lymphocytes reactivity, man 8018.
egative/positive liver diseases, complement metabolism, man 6544.
articles, albumin receptors, association-hepatitis B e antigen/ detection 6259.
ersistence, blood, relationship-hepatitis B prognosis, man 5950.
ersistence, hepatitis (acute), man 6665.
ositive, haemodialysis patients, Dane particles detection/ relationship blood infectivity 5997.
ositive, hepatitis (chronic active), treatment, liver allografts, case reports 5293.
ositive blood, Dane particles isolation, ultracentrifugation, man 3953.
ositive blood transfusions, accidental, patients after surgery 1159.
ositive bone marrow transplantation, immunization (passive), man, case reports 1653.
ositive chronic liver diseases, treatment, ribavirin 1175.
ositive cirrhosis, family studies/immune response, man 3642.
ositive glomerulonephritis + hepatitis (chronic active), pathogenesis/recovery/treatment, man, case reports 3774.
ositive haemodialysis patients, hepatitis B virus replication markers/immune complexes detection 5951.
ositive hepatitis, associated-periarteritis nodosa, man, case reports 1884.
ositive hepatitis, association-rheumatoid arthritis, case reports 413.
ositive hepatitis (chronic), Dane particles associated-hepatitis B core antigen 4331.
ositive hepatitis (chronic active), association-hypogammaglobulinaemia, case reports 5223.
ositive hepatitis (chronic active), treatment, levamisole, children 5292.
ositive hepatitis (chronic persistent), immunotherapy, man 7388.
ositive hepatitis, clinical significance-hepatitis B e antigen, man 6659.
ositive hepatitis, DNA polymerase activity, treatment, adenine arabinoside 1176.
ositive hepatitis (fulminant), management, pregnancy, man 7390.
positive hepatitis, treatment, levamisole 3271.
positive liver tumours, treatment, liver transplantation, case reports 1060.
positive/negative hepatitis, association-Alcaligenes faecalis/ Escherichia coli agglutinins 1881.
positive/negative hepatitis (chronic active), treatment, azathioprine/methylprednisolone 456.
positive/negative hepatitis (chronic active), pathogenesis/ clinical manufestations, comparison, patients, Israel 2601.
positive/negative hepatitis, immune complexes detection 6542.
positive patients, management, hospitals, Japan 6016.
positive plasma, infectivity removal, methodology 7085.
preparation/purification, plasma, blood donors 2079.
presence, effects on grafts survival, kidney transplantation, man 5752.
purification, chromatography (affinity) 1594.
purification, serum, man 1329.
purification/use-hepatitis B virus vaccines, man 2299.
quantitation, immunoelectrophoresis 5616.
quantitation, serum, man, methodology comparison 5007.
radioimmunoassay 868.
radioimmunoassay, antibodies effects on 6435.
radioimmunoassay, blood/blood products 6427.
radioimmunoassay, false-positives elimination 2955.
radioimmunoassay, hepatitis (acute), man 2278.
radioimmunoassay, hepatitis B, children 4329.
radioimmunoassay, methodology 4232, 6432, 6433, 6434.
relationship-immunoglobulin M/glutamic oxaloacetic transaminase/glutamic pyruvic transaminase levels, serum, hepatitis B, man 8254.
relationship-kidney transplantation rejection, man 2611.
seroepidemiology, man, Nauru 4499.
seroepidemiology, man, Senegal 4498.
significance/clinical manifestations, carriers 412.
staining, paraffin sections, liver, man, methodology 3730.
subtypes, clustering, families-liver diseases patients 1917.
subtypes, distribution, man, India 6710.
subtypes, incidence/association-hepatitis B e antigen/ antibodies, man, Finland 6708.
subtypes, radioimmunoassay 6438.
subtypes, relationship-pathogenicity, man 3548.
subtypes, relationships-antigen e/antibodies presence, man 986.
subtypes/epidemiology, man 1596.
transmission, blood, man 2651.
transmission, edible molluscs 445.
transmission (horizontal) genetics, hypothesis 6707.
transmission, insects 5272.
transmission (sexual), homosexuals male 1915.
transmission, surgery 1160.
transmission (vertical), man 3253.
uptake, macrophages, in vitro, immunofluorescence 6454.
use-diagnosis hepatitis B, man 5872.
use-hepatitis (chronic active) prognosis 5220.
Hepatitis B virus,
aetiology, hepatitis (chronic)/liver cirrhosis, man, Italy 1883.
aetiology, hepatitis (chronic active), incidence, man, Austria 7322.
aetiology, liver tumours, man 4395.
aetiology, membranous nephropathy, children, Japan 1882.
aetiology/pathology, jaundice, man, review 2606.
antibodies/immune complexes detection, radioimmunoassay, methodology 865.
antigen δ, antibodies detection, immunofluorescence blocking test 6440.

Hepatitis B virus,(continued)
antigens/antibodies, diagnosis/prognosis, man, review 7195.
association-liver cirrhosis, diagnosis/treatment, children 3213.
association-liver cirrhosis, hospitals personnel 3215.
association-liver tumours, man 5862.
association-liver tumours, man, Europe/USA 4396.
association-liver tumours development, hepatitis (chronic active) 1124.
asymptomatic infection, incidence, adolescents, man 4450.
characterization/diagnosis/transmission, review 2153.
characterization/epidemiology/prophylaxis, man/animals 1907.
characterization/epidemiology/prophylaxis/transmission, review 2635.
characterization/infection treatment 2154.
chronic infection, man, review 7291.
cores, association hepatitis B e antigen 4949.
DNA, cloning-Escherichia coli 6921.
DNA, cloning/restriction endonuclease mapping 6222.
DNA, detection-liver tumours, man 1062.
DNA, genomes, Escherichia coli cloning 4192.
DNA fragments, cloning plasmid pBR322, expression-Escherichia coli 6391.
DNA polymerase, assays 7747.
DNA polymerase, levels, serum, changes during infection, man 8255.
electron microscopy 6260.
immune complexes, characterization/determination, liver disease, man 5058.
immune complexes, role-hepatitis (chronic active) pathogenesis, man 987.
immunization (passive), efficacy, hospitals personnel 3575.
immunization (passive), man 2994.
immunocompetence, association-nephropathy, man 5753.
incidence/immune response/transmission, Macaca mulatta 2714.
incidence/risk, undertakers 447.
incomplete inactivation, heat treatment 889.
induced aflatoxins, aetiology-liver tumours, man 5168.
infection, antibody response, Pan troglodytes 8017.
infection, antigens/antibodies detection, man 285.
infection, association-arthritis/cryoglobulinaemia/periarteritis nodosa/polyarthritis, man, review 5222.
infection, association-Gianotti-Crosti syndrome, clinical manifestations, man 2609.
infection, association-glomerulonephritis, case reports 1125.
infection, association-glomerulonephritis, man 8260.
infection, association-liver tumours, European population, man 1821.
infection, association-liver tumours, man, review 5860.
infection, association-liver tumours, man, Africa, South 8163.
infection, athymic nude mice, failure 543.
infection, chimpanzees, ethanol effects on 3903.
infection, Dane particles antibodies characterization, man 1726.
infection, diagnosis/screening programmes 2261.
infection, hepatitis B core antigen antibody response 5749.
infection, hepatitis B surface antigen coated target cells, antibody-dependent cell-mediated cytotoxicity 5057.
infection, hepatitis B surface antigen immune complexes, man 6545.
infection, immune response, association-serum iron levels, man 5754.
infection, immune response (cell mediated), hepatitis B surface antigen, man 5750.
infection, incidence, mental retardation patients/hospitals personnel, British Isles 446.
infection, incidence, patients, dentistry 2645.
infection, incidence, thalassaemia patients, role-blood transfusion 1157.
infection, incidence/transmission, haemodialysis patients 3825.
infection, kidney transplantation, man 5892, 8317.
infection, markers, hepatitis B core antigen antibodies detection, man 1827.
infection, prognosis, use-hepatitis B e antigen, dialysis patients 1129.
infection, role-hepatitis (chronic), man, Argentina 5954.
infection, role-liver diseaes, man, Italy 5948.
infection, role-liver tumours, man 6606.
man, review 5214.
markers, detection, methodology 7080.
markers, incidence, multiple blood transfusion effects on, man 6704.
mixed infection-hepatitis A virus, clinical manifestations, Pan troglodytes 6790.
persistent infection, man, relationship-hepatitis B core antigen/hepatitis B surface antigen antibodies levels 3644.
persistent infection, recovery, role-interferon/lymphocytes T 3096.
properties 2596.
relationship-alcohol, aetiology, liver cirrhosis 5946.
relationship-liver tumours, man 3153.
replication markers/immune complexes detection, hepatitis B surface antigen positive haemodialysis patients 5951.
role-hepatitis (chronic active), comparison-hepatitis A virus 1121.
role-hepatitis (non-A, non-B), haemodialysis, man 8261.
role-liver tumours, man 7270, 8164.
seroepidemiology, children, USA, New York 444.
seroepidemiology, leprosy patients 8316.
seroepidemiology, man, Fanafuti Is. 8315.
seroepidemiology, man, Somalia 6002.
seroepidemiology, man, Sri Lanka 6698.
transmission, families 3829.
transmission, immunoglobulins, man 8318.
transmission, maternal-foetuses, mechanisms/prevention, man 4500.
transmission, risks, syringes, man 3254.
transmission (sexual), control/incidence, homosexuality, man 8325.
transmission (sexual), man 1922.
transmission (sexual), review 1924.
transmission, surgery, absence, man 1919.
transmission, syringes, case reports 5274.
transmission (transplacental)/transmission (vertical), infants 5277.
transmission (vertical), man 5275, 6006.
transmission (vertical), prophylaxis, immunization (passive), man 1652.
transmission (vertical), relationship-maternal hepatitis B e antigen status, Taiwan 6711.
transmission risk, contacts, hepatitis B surface antigen carriers 1161.
transmission risks, acupuncture, man 1923.
transmission risks, BCG vaccination, children 3257.
transmission risks, blood transfusion, haemophilia, man 8321.
transmission risks, dentistry, man 4501.
transmission risks, diabetes patients/personnel, hospitals 6003.
transmission risks, endoscopy, man 1162, 2652.
transmission risks, frozen erythrocytes, chimpanzees 2649.
transmission risks, man 5998.
transmission risks/prevention, haemodialysis units 1163.

IRL©1979

Iepatitis B virus,(continued)
accination, use-inactivated hepatitis B surface antigen, efficacy/immune response/safety, man 5006.
accines, derived from serum, safety 7149.
accines, development/use, man, review 3604.
accines, efficacy/preparation, man 3603.
accines, efficacy/safety, man 1679.
accines, efficacy/safety, man/animal models 7150.
accines, induction-autoimmunity, incidence, man 5688.
accines, use-hepatitis B surface antigen, man 2299.
accines development 4288.
irus-like particles, association-hepatitis/liver tumours, Marmota monax 1212.
Iepatitis virus,
ntiviral activity, ribavirin phosphate derivatives 997.
' antigen, characterization, hepatitis (non-A, non-B) 2300.
etection-liver, relationship-immune response, hepatitis B, man 3211.
nduced hepatitis (acute), clinical manifestations/pathogenesis/prognosis, man 1878.
nfection, skin involvement, man 1875.
nfections, maternal, during pregnancy, role-infants mortality, man 6615.
erinatal infection, clinical aspects, man 3732.
ole-gastroenteritis, man 3836.
ransmission, blood transfusion, man 7345.
ransmission, public health equipment 4462.
ransmission risks, molluscs 1154.
accination, recommendations, travel, man 220.
accination, recommendations, travellers 4287.
vater supplies pollution, public health aspects 5251.
Ieracleum sphondylium,
iruses detection, mosaic disease 1288.
Ieroin,
rug abuse, association-hepatitis B surface antigen/antibodies, man 8322.
Ierpangina,
oxsackievirus A5 aetiology, neonates, case reports 8223.
Ierpes genitalis,
typical, association-pregnancy/sarcoidosis, case reports 4415.
pidemiology, man, New Zealand 7343.
pidemiology/incidence, man, USA 4463.
ncidence, relationship-prostitution, man, India 5237.
sions, man, herpes simplex virus 2 persistence 8195.
ian, herpes simplex virus 1/herpes simplex virus 2 differentiation 7060.
ian, reiew 8333.
ian, review 7344.
ian, vaccination, use-heat inactivated herpes simplex virus 2 7125.
ixed infection-bacteria, man 7284.
regnancy, prevention-neonates infection, man 3830.
eatment, man 3841, 4512.
eatment, nonoxynol 9, man 6023.
eatment, zinc, parenteral/topical application, efficacy, mice 8397.
eatment, zinc sulphate, man 7383.
eatment/vaccination, man, review 6010.
accination, mice, use-herpes simplex virus 1 infected cells extracts 5009.
erpes labialis,
rain stem involvement, case reports 3739.
inical manifestations/herpes simplex virus replication, man 6626.
inical manifestations/immune response, man 4305.
sions, man, herpes simplex virus 1 persistence 8195.
patients, cytotoxicity-herpes simplex virus infected cells derived from 258.
treatment, adenine arabinoside, man 7382.
treatment, ice, man 3265, 3840, 6021.
treatment, levamisole, man 6717
Herpes progenitalis,
treatment, nonoxynol 9, man 6023.
Herpes simplex virus,
aetiology, urethritis (non-specific), genitourinary tract, man 4417.
antibodies, age distribution, man 7342.
antibodies, biosynthesis, cerebrospinal fluid, multiple sclerosis, man 280.
antibodies, detection, immunodiffusion 7059.
antibodies, detection, immunofluorescence, infected cells 7856.
antibodies, incidence, children 3708.
antibodies, incidence, pregnancy, man 1137.
antibodies, incidence/levels, central nervous system diseases, man 4407.
antibodies dependent cytotoxicity, maternal neonates lymphocytes/macrophages/monocytes, man 5714.
antibodies incidence, cervix tumours, man 5847.
antibodies levels, cervix tumours, man, review 3148.
antigen (tumour-associated), detection, cervix tumours, man 5848.
antigens, activation-lymphocytes 2433.
antigens, identification/purification, HEp-2 cells 4240.
antigens, stimulation-lymphocytes, man 7973.
antiviral activity, adenine arabinoside/uridine (5'-iodo-2'-deoxy) 7197.
antiviral activity, 2-amino-4-arylamino s-triazines derivatives 5081.
antiviral activity, benzoisoquinolines 6549.
antiviral activity, benzyl diketone 2455.
antiviral activity, β-diketones aryl bis derivatives, in vitro/in vivo 2454.
antiviral activity, C-nucleosides 8031.
antiviral activity, plants extracts 4339.
antiviral activity, substituted adenines 4337.
antiviral activity, thymidine(5,6-dihydro-5-aza), mice 5768.
antiviral activity, thymine arabinoside, mechanisms 8025.
associated adenosinetriphosphatase, characterization 650.
association-Bell's palsy, man, case reports 2557.
association-cervix tumours, man, review 4389.
association-eye infection, incidence, man, Nigeria 1837.
association-multiple sclerosis, man, review 3849.
conjunctivitis/keratoconjunctivitis, clinical manifestations/diagnosis, man, case reports 4410.
Constantinea simplex/Farlowia mollis extracts antiviral activity 288.
cornea ulcers, treatment, guanine(9-[2-hydroxyethoxymethyl]), man 3839.
cytopathic effects, role-lysosomal enzymes 5417.
disseminated infection, complications-ataxia-telangectasia, man, case reports 3165.
DNA, arrangement/replication, infected cells 4116.
DNA, characterization 5453.
DNA, infected cells, cleavage-nuclease 6268.
DNA, isolation-infected cells, methodology 4606.
DNA, mapping 3495, 3496.
DNA biosynthesis, chromatin, infected kidney cells, monkeys 6990.
DNA biosynthesis, chromatin, infected nuclei. BHK21/C13 747.
DNA biosynthesis, in vitro, inhibition, adenine arabinoside 7714.

Herpes simplex virus.(continued)
DNA biosynthesis/protein biosynthesis, inhibition-hosts, genes control 3441.
DNA bound proteins, occurrence 7610.
DNA expression, transformed cells, review 130.
encephalitis, angiography, man, case reports 369.
encephalitis, angiography/computed tomography, relationship clinical manifestations, case report 5890.
encephalitis, antibodies ratio-serum/cerebrospinal fluid, use-diagnosis 949.
encephalitis, clinical manifestations/diagnosis, man 3737.
encephalitis, computed tomography, correlation-clinical manifestations/pathology, man 3167.
encephalitis, computed tomography, man 3168.
encephalitis, diagnosis, use-EEG, man 7274.
encephalitis, diagnosis, use-EEG studies, children 7273.
encephalitis, diagnosis/prognosis/treatment, infants, case reports 5865.
encephalitis, diagnosis/treatment/symptoms, children 2551.
encephalitis, EEG studies, man 6624.
encephalitis, encephalomyelitis following, case reports/histopathology 8193.
encephalitis, infants, man, effects on future pregnancy 372.
encephalitis, localization mechanisms, hypothesis 7288.
encephalitis, pathogenesis/treatment, man, review 2556.
encephalitis, pathology, man, case reports 2555.
encephalitis, presentation-mania, man, case reports 8199.
encephalitis, treatment, adenine arabinoside/cytosine arabinoside, animal models, rabbits 3263.
encephalitis, treatment, adenine arabinoside/uridine (5-ethyl-2′-deoxy), mice, comparative studies 3884.
endometritis, man, case report 367.
experimental infection, cornea, arginine/arginase levels, tears, rabbits 4543.
eye infection, diagnosis/pathology/treatment, man 2552.
eye infection, treatment, surgery, man 5288.
genital tract infection, effects on FTA-ABS test results, syphilis, man 1847.
genital tract infection, immune response (cell-mediated), man 3070.
genital tract infection, man, review 2558.
genital tract infection, transmission-neonates, prophylaxis, man 2655.
genital tract infection, treatment, ether, man 3266.
genital tract infection, treatment, photoinactivation, man 6022.
genital tract lesions, treatment, ultrasound, man, males 1937.
immunization, interferon response, mice 5648.
immunoglobulin M, association Guillain Barre syndrome/encephalitis 1082.
inactivated, effects on concanavalin A induced agglutination, 3T3 cells 5416.
incidence/isolation/pathology, trigeminal ganglion, man, comparison-Americans/Japanese 3169.
induction-Fc receptors, HeLa S3-2 cells 1697.
infected cells, antibodies dependent cells mediated cytotoxicity, macrophages derived from colostrum 7170.
infected cells, antibody-dependent cell-mediated cytotoxicity, cervix tumours, man 3147.
infected cells, antibody-dependent cell-mediated cytotoxicity, prostaglandins effects on, man 7169.
infected cells, Fc receptors, characterization, immunoperoxidase 3067.
infected cells, haemagglutination factors release 5713.
infected cells, slides stability, immunofluorescence 4213.
infected cells derived from herpes labialis patients, cytotoxicity 258.
infection, associated-chorioretinitis, neonates, case reports 5185.
infection, association-atopic dermatitis, man 8197.
infection, association-Bell's palsy, man 1843.
infection, association-lymphoma, kidney transplantation, man, case reports 381.
infection, association-uveitis, man, review 5180.
infection, BHK cells, hosts/viruses DNA biosynthesis, poly (ADP-ribose) biosynthesis during 6284.
infection, breast, risks-neonates, man, case reports 5897.
infection, central nervous system/peripheral nervous system organ culture, mice, myelin degeneration, electron microscopy 5445.
infection, cervical ganglia, immunity/inoculation route effects on, mice 6082.
infection, clinical manifestations/diagnosis, man 8168.
infection, clinical manifestations/treatment, man, review 8192.
infection, complications, lacrimal gland obstruction, case reports 8191.
infection, diagnosis, immunofluorescence/viruses isolation, man/monkeys 2253.
infection, diagnosis, man 4397.
infection, effects on α-globin/β-globin mRNA stability, Friend erythroleukaemia cells 687.
infection, eosophagus/viscera, clinical significance/incidence, man 8273.
infection, epidemiology/symptomatology/diagnosis/treatment, man, review 420.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4461.
infection, eye, treatment, adenine arabinoside, man 6019.
infection, eye, treatment, glucocorticoids, man, review 5287.
infection, genital tract + nervous system, clinical manifestations/transmission (sexual)/treatment, case reports 6672.
infection, genital tract, diagnosis/treatment-surfactants, man 6609.
infection, hand, complications, case reports 8196.
infection, immune response (cell-mediated), review 7171.
infection, immune response, children 3068.
infection, immune response, man/animals 7974.
infection, immunity (cell-mediated)/immunity (humoral), kidney transplantation, man 6511.
infection, immunoglobulin E levels, immunosuppression, man 3619.
infection, immunosuppression, immunity (cell-mediated), man 1698.
infection, incidence/immune response, kidney transplantation, man 8272.
infection, kidney transplantation, man 5892, 8198.
infection, kidney transplantation/leukaemia, man 2554.
infection, lymphocytes response in vitro, Corynebacterium parvum/herpes simplex virus, man 3618.
infection, measles complications, role-malnutrition + viruses induced immunosuppression, children, Nigeria 5184.
infection, mice, dextran sulphate effects on 2721.
infection, mice, protection, Corynebacterium parvum/Bordetella pertussis infection 1241.
infection, mouth, diagnosis, immunofluorescence, man 849.
infection, mouth, maternal, transmission risks-infants, man 6670.
infection, pregnancy, man 8274.
infection, rats neurons, lymphocytes effects on, in vitro 6868.
infection, role-cervix tumours, man, review 2512.
infection, role-erythema multiforme, man 370.
infection, role-lip tumours, man 8149.

IRL©1979

Herpes simplex virus,(continued)
infection, skin, treatment, antiviral agents, guinea-pigs 3885.
infection, skin, treatment, man 6716.
infection, skin cytology, man 1844.
infection, susceptibility, central nervous system, rabbits, animal models 1242.
infection, treatment, adenine arabinoside/uridine (5′-iodo-2′-deoxy), man, clinical trials 1167.
infection, treatment, adenine arabinoside/cytosine arabinoside/uridine (5′-iodo-2′-deoxy), man 4511.
infection, treatment, adenine arabinoside, man 6020.
infection, treatment, levamisole, mechanisms, man 7381.
infection, treatment, poly (I.C)/interferon induction, neonates, man 1168.
infection, treatment, ribavirin, children 3837.
infection, treatment, tromantadine hydrochloride, allergy, case reports 4510.
infection, treatment, uridine (5-iodo-2′-deoxy), man 8332.
infection, vagina, treatment, children 4414.
infection, Vero cells, ultrastructure, presence-glucose (2-deoxy-D-) 4612.
infection patients, poliovirus vaccination 3004.
infection/physicochemical properties/replication, man, review 5893.
infection/reinfection, eye, rabbits, treatment, levamisole 2722.
infection/replication, cells, degradation-hosts DNA 1445.
inhibition-lymphocytes blastogenesis 2432.
interfering particles, production/effects on cells survival, cell culture 576.
intrauterine infection, diagnosis/incidence/treatment, man, review 3731.
iritis/keratitis, treatment, guanine, (9-(2-hydoxymethyl)) 2719.
isolation, penis ulcers, man 2553.
isolation, vagina swabs, stability/use-epidemiology studies 6674.
keratitis, cornea epithelium histochemistry/histopathology, rabbits 4544.
keratitis, man, case reports 8194.
keratitis, management, man, review 6715.
keratitis, pathogenesis/treatment, man 371.
keratitis, pathology, cornea, electron microscopy (scanning), rabbits 4542.
keratitis, rabbits, diagnosis/pathology/symptoms, review 3312.
keratitis, treatment, adenine arabinoside/uridine (5′-iodo-2′-deoxy), man, clinical trials 1169.
keratitis, treatment, adenine arabinoside/thymidine (trifluoro), rabbits 7441.
keratitis, treatment, anti-collagenase/cytidine (cyclo), man 1170.
keratitis, treatment, cryotherapy/uridine (5′-iodo-2′-deoxy), man 3264.
keratitis, treatment, γ-globulins, man 5657.
keratitis, treatment, interferon + secretory immunoglobulin A, man 1638.
keratitis, treatment, interferon + thymidine (trifluoro), man 7122.
keratitis, treatment, levamisole, rabbits animal models 453.
keratitis, treatment, man, review 3262.
keratitis, treatment, uridine (trifluoro), case reports 1936.
keratitis, treatment, vitamin C administration, eye, man, animal models, rabbits 1935.
latency, ganglia, control, role-immune response (cell-mediated)/immune response (humoral), in vivo/in vitro 7816.
latent infection, ganglia/skin, prevention-guanosine (acyclo), athymic nude mice 7442.
latent infection, ganglion, mice 526.
latent infection, reactivation, antiviral agents effects on, mice 5765.
latent infection/replication, review 5497.
lesions, diethyl ether application, methodology 1933.
lesions dissemination, association-soaking/sitz bathing treatment 452.
lymphocytes response in vitro, herpes simplex virus infection, man 3618.
meningitis, diagnosis, use-lymphocytes transformation 6608.
meningitis, hearing loss complications, case surveys 1075.
meningitis/meningoencephalitis, diagnosis, immunofluorescence/immunoperoxidase test 7058.
meningoencephalitis, diagnosis/treatment neurosurgery 347.
meningoencephalitis, lysozyme levels, cerebrospinal fluid, man 3166.
mutants, thymidine kinase genes, genetic analysis 4876.
neutralization, mechanisms/complement requirements 1599.
nucleocapsids proteins, antigenic determinants/isolation 2794.
persistent infection, interferon sensitive expression immunoglobulin M, Raji cells 6867.
persistent infection, mechanisms, man 4409.
photoinactivation, chlorpromazine 4669.
pneumonia, treatment, guanosine (acyclo), children, case reports 6018.
purification, centrifugation 5406.
radiation (u.v.) reactivation, DNA biosynthesis/protein biosynthesis requirements, kidney cells, monkeys 7032.
radiation (u.v.) treated, host cell reactivation, caffeine/hydroxyurea/uridine (5-bromodeoxy) effects on 7654.
reactivation, trigerminal nerve decompression, man 1845.
receptors, types specificity, cell lines 7651.
recurrent infection, association-immunity (cell-mediated) suppression, man 5715.
recurrent infection, genital tract, treatment, L-lysine, man, clinical trials 1934.
recurrent infection, genital tract viruses excretion, man 1083.
recurrent infection, immunity (cell-mediated), lymphocytes stimulation in vitro, man 1696.
recurrent infection, lesions, treatment, surgery, man, case reports 1166.
recurrent infection, man, lymphocytes, DNA repair, excision 4411.
recurrent infection, penis, treatment, photoinactivation, association-tumours, case reports 3146.
recurrent infection, poliovirus vaccination effects on, man 7936.
recurrent infection, treatment, enflurane/ether, man 2662.
recurrent infection, treatment, epinephrine, man 2661.
recurrent infection, treatment, levamisole, man 1932.
recurrent infection, treatment, poliovirus vaccines, man 8330.
recurrent infection, vaccines efficacy, guinea-pigs animal models 221.
replication, DNA accumulation, nuclei, in vitro 129.
replication, Epstein-Barr virus activated lymphocytes B, man 5498.
replication, herpes labialis, man 6626.
replication, inhibition, erythro-9-(2-hydroxy-3-nonyl) adenine 746.
replication, lung macrophages, man, in vitro 7528.
replication, nerves cells 2085.
replication, suppression, antibodies/immunity (cell-mediated)/interferon, in vitro, mechanisms 4303.
replication/immunogenicity, radiation (γ) effects on 82.
mRNA/DNA detection, acute infection/chronic infection, trigeminal ganglion, mice 745.
role-cornea diseases, man, review 1842.
role-erythema multiforme, man 5891.

Herpes simplex virus,(continued)
role-erythroblastaemia/thrombocytopenia, small-for-gestational age infants 5904.
role-liver diseases, man 5908.
role-ulcers, genitalia, males, man 4387.
self-complementary RNA, stability, infected cells 1479.
seroepidemiology, man, German Dem. Rep. 5962.
skin infection, transmission, sports, man 2613.
skin infection, treatment, review 1931.
spread, Vero cells, enhancement, prostaglandins 6.
strains, characterization/isolation, eye infection, man 7289.
strains, identification, DNA mapping 5454.
strains, storage, pH effects/temperature effects 5480.
suppression-hosts protein biosynthesis, Vero cells 90.
temperature-sensitive mutant, infection, neuroblastoma cells, hamsters/mice 5570.
temperature-sensitive mutant, mRNA biosynthesis 2188.
thymidine kinase, phosphorylation-guanine (9-(2-hydroxyethoxymethyl)) 3459.
thymidine kinase mutants, pathogenicity, mice 6762.
transformation, cells, mice, N-methyl-N-nitrosourea effects on 8060.
transformed cells, rats, cytogenetics 6569.
transformed embryo fibroblasts, hamsters, membranes, concanavalin A binding 1758.
transformed fibroblasts, hamsters, antigenic characteristics/immune response, sensitized hamsters/rabbits 5793.
transformed lymphoblastoid cell lines, DNA biosynthesis, inhibition, insulin 4351.
transmission, public health equipment 4462.
typing, neutralization 2252.
uridine (5-cyano)/uridine (5-cyano-2′-deoxy) antiviral activity 296.
uridine (5′-iodo-2′-deoxy) resistance, case reports/mechanisms 7380.
uveitis, aqueous humour, chemotaxis/cells infiltration, rabbits 6083.
vaccination, Aotus trivirgatus/Sanguinus 7952.
Herpes simplex virus 1,
aetiology, whitlow, man, case reports 6625.
antibodies, incidence, cervix tumours, man, India 3711.
antibodies, production, myeloma x spleen cells hybrids, mice 7857.
antibodies incidence, cervix tumours, man 7260.
antibodies incidence, man, Nigeria 5240.
antibodies incidence, psychiatry patients 2542.
antiviral activity, adenosine (5′-sulphamino-5′-deoxy)/thymidine (5′-sulphamino-5′-deoxy) 1732.
antiviral activity, alcohols 5755.
antiviral activity, ammonium quaternary compounds/disinfectants 991.
antiviral activity, ammonium quaternary compounds 5063.
antiviral activity, cationic surfactants/cationogenic surfactants 999.
antiviral activity, chemicals contraceptives 1735.
antiviral activity, cytosine arabinoside/uracil arabinoside-5-substituted derivatives 5068.
antiviral activity, detection, urine, following adenine arabinoside administration, man 4336.
antiviral activity, C-nucleosides thiazole derivatives 994.
antiviral activity, polyanions/polycations 8034.
antiviral activity, pyrimidine nucleosides derivatives 5073.
antiviral activity, 1-β-D-ribofuranosyl-1,2,4-triazole-3-carboxa synthesis 294.
antiviral activity, uridine ((E)-5-(2-bromovinyl)-2′-deoxy), in vitro/in vivo 8039.
association-cervix tumours, man 5162.
chronic infection, man, review 7291.
concentration/purification, methodology 5407.
defective, DNA, electron microscopy 40, 623.
defective DNA, origin 4668.
defective-interfering particles, genomes, comparison-herpes simplex virus 2 4670.
differentiation-herpes simplex virus 2, DNA, restriction endonuclease analysis 6205.
differentiation-herpes simplex virus 2, immunofluorscence, herpes genitalis, man 7060.
disseminated infection, case reports 7292.
DNA, analysis, arginine deprived cells 2189.
DNA, bound proteins, mapping, electron microscopy 7611.
DNA, calf thymus/Escherichia coli RNA polymerase transcripts, sequence analysis/size 4791.
DNA, cloning, phage λ vectors 4878.
DNA, genomes structure analysis, reassociation kinetics 3993.
DNA, photoinactivation, psoralen derivatives 175.
DNA, repetitive sequences/diploidy 41.
DNA, restriction endonuclease analysis 624.
DNA, transfection, lymphoblastoid cell lines, man 4792.
DNA, transformation, cell lines, hamsters 5098.
DNA, transformation, embryo fibroblasts, hamsters 1759.
DNA, transformed cells, hamsters, enhancement, herpes simplex virus 1 DNA efficiency of plating 5794.
DNA biosynthesis, cell-free system, polyamines effects on 2187.
DNA biosynthesis, temperature-sensitive mutant infected BHK-21 cells 134.
DNA biosynthesis defective temperature-sensitive mutant, characterization 1480.
DNA replication, muscle cells, chick embryos 1481.
encephalitis, central nervous system ultrastructure, rabbits 6085.
encephalitis, diagnosis, immunoperoxidase test, man 4398.
encephalitis, treatment, disodium phosphonoacetate, administration routes effects on, rats 6086.
encephalitis, treatment, guanosine (acyclo), mice 8394.
experimental infection, treatment, phosphonoformate/phosphonoacetate, guinea-pigs/mice 2720.
genomes, integration sites, CHO cells 2186.
genomes, latent, detection-temperature-sensitive mutant superinfection, ganglia, man 5571.
glycoprotein VP7(B2), quaternary structure 5463.
glycoprotein VP7(B2), role-infectivity/replication 5462.
glycoproteins, antibodies, crossreactivity/immunoelectrophoresis (crossed) 6410.
glycoproteins, characterization/purification, infected cells, rabbits 2795.
hepatitis, man, case reports 8200.
immunity, transfer, role-helper cells/histocompatibility, mice 4304.
induced cells growth stimulation factors, role-carcinogenicity 8059.
induced deoxyribonuclease, purification/characterization, KB cells 131.
induced thymidine kinase, inhibition/regulation, uridine (trifluoromethyl-2′-deoxy), HEp-2 cells 132.
induced tumours, hamsters, growth, lynoestrenol + Staphylococcus aureus effects on 309.
induction-chromosome damage, HEp-2 cells, inhibition, cycloheximide 2860.
infected cells extracts, use-herpes genitalis vaccination, mice 5009.
infected kidney cells, monkeys, migration inhibition factor production 1699.

IRL©1979

Herpes simplex virus 1,(continued)
infected/transformed cell lines, mice, thymidine kinase/dTMP kinase activity 6991.
infected Vero cells, adeno-associated virus DNA replication 7690.
infection, association-congenital malformations, man 1089.
infection, association-oesophagitis, case reports 374.
infection, cells, reduction-chromium-51 membrane permeability 6285.
infection, clinical manifestations/diagnosis/epidemiology/treatment, man 4412.
infection, ear, clinical manifestations/latency, guanine (9-(2-hydroxyethoxymethyl)) effects on, mice 5069.
infection, effects on DNA polymerase activity, cell culture, mice 688.
infection, heart cells, effects on action potential/membrane potential 4613.
infection, HeLa cells/L cells, polyamines turnover 2861.
infection, immune response (cell-mediated), role-lymphocytes B/lymphocytes T/monocytes, man 950.
infection, man, differential diagnosis-herpes simplex virus 2 infection, haemagglutination (indirect) 4981.
infection, man, review 7287, 7290.
infection, mice, adenine arabinoside/AMP arabinoside/uridine (5′-iodo-2′-deoxy) iontophoresis effects on 1994.
infection, mice, antiviral agents derived from Streptococcus faecalis effects on 5077.
infection, mouth/vagina, clinical manifestations/latency, pyran effects on, mice 5766.
infection, nervous system, immunization (passive) effects on, mice 6084.
infection, pathogenesis/latency, rabbits 1243.
infection, skin, guinea-pigs, treatment, trisodium phosphonoformate 527.
infection, symptoms/transmission/treatment, man 5239.
infection, vulva, man, case report 373.
isolated-ganglia, man, DNA/polypeptides characterization 6910.
isolation, cerebrospinal fluid, radiculoneuropathy, man 6627.
isolation, trigeminal ganglion, asymptomatic man 5896.
keratitis, latent viruses detection, trigeminal ganglion, rabbits 5329.
keratitis, treatment, adenine arabinoside/guanosine (acyclo)/uridine (5′-iodo-2′-deoxy), rabbits 3886.
latent infection, mice, vaccination effects on 1244.
mutation mapping, marker rescue 176.
pathogenesis, central nervous system, role-immune response (cell-mediated), mice 6087.
persistence, herpes labialis lesions, man 8195.
persistent infection, establishment/mechanisms, in vitro 6164.
persistent infection, pathology, central nervous system tumour cells, rats 2763.
phosphoacetate/phosphonoformate resistant mutant, biological properties 7817.
photosensitization, neutral red 1536.
plaques formation, HeLa cells, antiviral agents derived from Streptococcus faecalis effects on 5076.
production, radiation (u.v.) treated skin cell culture, man, correlation-DNA repair 3380.
reactivation, enhancement, radiation (u.v.), wavelength dependence 821.
recombinants-herpes simplex virus 2, DNA mapping (physical) 622.
recombinants-herpes simplex virus 2, DNA, mapping (physical) 820.
replication, HEp-2 cells, hormone effects on 133.
replication, leucocytes subpopulations, man 259.
replication, lymphoblastoid cell lines extracts effects on, role-Epstein-Barr virus 3379.
replication, macrophages, relationship-herpes simplex virus 1 infection susceptibility, mice 5418.
replication, methylglyoxal-bis(guanylhydrazone)/DL-α-methylornithine effects on 4726.
replication, thymidine kinase requirements, in vitro 6331.
replication, thymine arabinoside effects on, cell culture 4793.
mRNA, characterization/separation 6992.
mRNA, isolation/localization 6330.
mRNA, isolation/localization, in vitro 7716.
RNA transcription, regulation 7717.
serial passage, defective DNA, characterization 3992.
seroepidemiology, Indians, Brazil 8277.
temperature-sensitive mutant, characterization/complementation 4877.
temperature-sensitive mutant, mapping (physical), markers rescue 822.
temperature-sensitive mutant rescue, defective DNA, cells 823.
thymidine analogues, antiviral agents 1000.
thymidine kinase genes, transfer-cells, man/mice, use-metaphase chromosomes 7715.
transcription defective temperature-sensitive mutants, characterization 3460.
transmission risks, breast milk, man, case reports 6671.
types specific antigens, characterization, immunoelectrophoresis (crossed) 3543.
typing, haemagglutination inhibition (indirect)/immunoperoxidase test/neutralization 6411.
uveitis, rabbits, cyclophosphamide effects on 6763.
Herpes simplex virus 2,
aetiology, pyoderma gangrenosum/treatment-zinc acetate, man 8201.
aetiology, recurrent whitlow, finger, case reports 1846.
aetiology, whitlow, man, case reports 6625.
antibodies, association-cervix tumours, man, review 2514.
antibodies, association-cervix tumours, man 3709.
antibodies, incidence, cervix tumours, man, India 3711.
antibodies, relationship-cervix tumours, man 5849.
antibodies incidence, cervix tumours, man 341, 7260.
antibodies incidence, man, Nigeria 5240.
antibodies levels, cervix tumours patients/sexual partners 5163.
antiviral activity, chemicals contraceptives 1735.
antiviral activity, polyanions/polycations 8034.
association-cervix tumours, man 5162.
chronic infection, man, review 7291.
chronic skin infection, association-tumours, case reports 5898.
concentration/purification, methodology 5407.
congenital infection, man, case reports 4413.
defective-interfering particles, genomes, comparison-herpes simplex virus 1 4670.
detection-cervix ganglia/association-cervix tumours, man, case reports 2513.
differentiation-herpes simplex virus 1, DNA, restriction endonuclease analysis 6205.
differentiation-herpes simplex virus 1, immunofluorscence, herpes genitalis, man 7060.
disseminated infection, pathology, neonates, man 8203.
disseminated infection, pathology, pregnancy, man 8202.
disseminated infection/vagina infection, resistance mechanisms, mice 529.
DNA, transformation, embryo cells, hamsters 5099.
encephalitis, association-genital tract experimental infection, rats 8396.

Herpes simplex virus 2,(continued)
experimental infection, treatment, phosphonoformate/phosphonoacetate, guinea-pigs/mice 2720.
genital tract infection, diagnosis, immunofluorescence/smears staining, man 7275.
glycoproteins, antibodies, crossreactivity/immunoelectrophoresis (crossed) 6410.
heat inactivated, use-vaccination, herpes genitalis, man 7125.
inactivation, alcohols/fatty acids (long-chain) 4714.
incidence/transmission, semen, recurrent infection, man 1891.
induced cells growth stimulation factors, role-carcinogenicity 8059.
induced deoxyribonuclease, purification/characterization, KB cells 131.
induction-chromosome damage, HEp-2 cells, inhibition, cycloheximide 2860.
induction-DNA polymerase, HeLa cells, inhibition, 2-mercapto-1-(β-4-pyridethyl)benzimidazole 2190.
infected cells, tubules, structure 748.
infected embryo fibroblasts, man, DNA biosynthesis stimulation, mechanisms 2165.
infected fibroblasts, thymidine kinase activity 7718.
infection + phenytoin treatment, effects on lymph nodes morphology/lymphocytes T levels, mice 8398.
infection, associated balanitis, man, case reports 4416.
infection, association-congenital malformations, man 1089.
infection, association-thrombocytopenia, man, case reports 1084.
infection, hamsters embryo fibroblasts, replication stimulation 4615.
infection, induction-leucocyte migration inhibitory factor, man 3710.
infection, kidney cells, chickens, AMP (dibutyryl cyclic), effects on 6178.
infection, lymphoblastoid cell lines, birds, susceptibility/ultrastructure 6869.
infection, man, differential diagnosis-herpes simplex virus 1 infection, haemagglutination (indirect) 4981.
infection, man, review 7287, 7290.
infection, mouth/trigeminal ganglion, reactivation, cyclophosphamide, mice 5330.
infection, mouth/vagina, clinical manifestations/latency, pyran effects on, mice 5766.
infection, nerves cells, man, nuclei ultrastructure 7529.
infection, nuclei ultrastructure, liver cells, man 6962.
infection, pathology, mice neonates 2723.
infection, resistance, cannabis/Δ-9-tetrahydrocannabinol effects on, mice 6512.
infection, role-cervix tumours, review, epidemiology 1811.
infection, symptoms/transmission/treatment, man 5239.
infection, systemic/vagina, macrophages inhibition effects on, mice 4545.
infection, treatment, hyperthermia, neonates, case reports 6718.
infection, Vero cells, tubules production, antimetabolites/radiation (u.v.) effects on 7719.
latent infection, mice, vaccination effects on 1244.
meningoencephalitis, clinical manifestations/diagnosis, infants 7293.
nucleocapsids, identification-disulphide linked proteins 4699.
persistence, herpes genitalis lesions, man 8195.
persistent infection, effects on 20-methylcholanthrene carcinogenicity, mice 8395.
pharyngitis, case reports 6628.
plaques formation, Vero cells/lung fibroblasts-man, urea effects on 6165.
poly (A) containing RNA, characterization 3994.
recombinants-herpes simplex virus 1, DNA mapping (physical) 622.
recombinants-herpes simplex virus 1, DNA, mapping (physical) 820.
recurrent infection, vagina, prior herpes simplex virus 1/herpes simplex virus 2 infection effects on, guinea-pigs 5328.
replication, cancer/normal cervix epithelium cells, man, in vitro 4614.
replication, leucocytes (mononuclear), adults/neonates, man, in vitro 5028.
replication, methylglyoxal-bis(guanylhydrazone)/DL-α-methylornithine effects on 4726.
replication, thymine arabinoside effects on, cell culture 4793.
RNA, detection, ganglia, man 6269.
role-cervix tumours, man 6604.
seroepidemiology/transmission (sexual), man, Nigeria 6673.
thymidine kinase genes, integration sites, chromosomes, transformed cells, man 8150.
transformed cell lines, induction-tumours, rats 6570.
transformed cells, surface antigen expression, actinomycin D effects on 2958.
transformed thymidine kinase negative cells, man, characterization 4066.
transmission (vertical), hamsters, immunosuppression effects on 4546.
typing, haemagglutination inhibition (indirect)/immunoperoxidase test/neutralization 6411.
vagina, infection, enhancement, progesterone, mice 528.
Herpes zoster,
antibody response/clinical manifestations, man 958.
associated palsy-face, treatment, man 1098.
association-amputated arm pain, man, case reports 1851.
association-Bell's palsy, man 1843.
association-bowel perforation, man, case reports 3179.
association-cornea ulcers, case reports 3178.
association-glomerulonephritis/Hodgkin's disease, man, case reports 1853.
association-granuloma annulare, man, case reports 1852.
association-Hodgkin's disease treatment, man 2566.
association-myelopathy, man, case reports 4421.
clinical manifestations/predisposing factors, hospital patients 3748.
complications, foot paralysis, case reports 6637.
complications, Hodgkin's disease treatment, man 1093.
complications, treatment, review 2663.
cranial nerves involvement, case reports 5194.
diagnosis, immunofluorescence/immunoperoxidase test 7058.
disease spread/epidemiology, comparison-varicella, man 1893.
eye involvement, man, case reports 8221.
glossopharyngeal nerve, man, case reports 3180.
immunoglobulins, efficacy/availability 216.
incidence, Hodgkin's disease treatment, radiotherapy, man 422.
incidence, man, Guinea 3784.
incidence, systemic lupus erythematosus, man 6675.
infection, mouth, man, case reports 384.
intercostal nerves involvement, association-gynaecomastia, man, case reports 1099.
larynx, man, case reports 4422.
lesions, varicella-zoster virus characterization/isolation, man 1420.
man, immunosuppression effects on, review 1703.
maternal, during pregnancy, effects on foetuses, man 6636.
meningitis, hearing loss complications, case surveys 1075.
pathogenesis, role-immunosuppression, man 2683.
pathology, muscles/nerves, man 2564.

IRL©1979

Herpes zoster,(continued)
penis, case reports 4420.
prognosis/treatment, man 4423.
treatment, adenine arabinoside, effects on ADH levels, man, case reports 3842.
treatment, adenine arabinoside/uridine (5′-iodo-2′-deoxy), man, clinical trials 1167.
treatment, azathioprine + prednisone, kidney transplantation, man 1051.
treatment, blocking-cervix nerves, man 2664.
treatment, cytosine arabinoside, man 1173.
treatment, L-dopa, man 4513.
treatment, griseofulvin 3267.
treatment, griseofulvin, man 3843.
treatment, inosiplex, cancer patients, clinical trials 1172.
treatment, interferon, man, review 5647.
treatment, levodopa, man 7385.
treatment, man 6716.
treatment, neuramide 1938.
treatment, ribavirin, children 3837.
treatment, uridine (5′-iodo-2′-deoxy), man 8334.
viraemia, cancer patients, children 1095.
Herpes zoster ophthalmicus,
associated eye paralysis, man, case reports 7303.
association-trochlear nerve palsy, man, case reports 1094.
complications, arteritis, head, diagnosis, angiography, man 8167.
Herpes zoster oticus,
diagnosis/treatment, man 6611.
induction-demyelination, clinical manifestations, case reports 7300.
pathogenesis, man, case reports 1850.
Herpesvirus,
antiviral activity, isoprinosine 8029.
antiviral activity, trisodium phosphonoformate 2459.
antiviral agents, man 5062.
association-laryngotracheobronchitis, man, case reports 1072.
association tumours, man 3145.
association-tumours, man/animals, review 2467.
association-tumours/persistent infection mechanisms, man, review 5895.
characterization/isolation, hepatitis (inclusion body), Falco sparverius 6143.
derived from Eidolon helvum, experimental infection-mice, pathogenesis, role-interferon 1640.
derived from Tupaia belangeri lymphosarcoma, DNA, restriction endonuclease EcoRI analysis 6912.
detection, skin tumours, Cyprinus carpio 7216.
DNA, activation-endogenous C-type virus, BALB/c cells 1025.
DNA, intramolecular recombination, models 4875.
experimental infection, prevention, vaccination ± interferon/interferon inducers, mice 8393.
genital tract infection, incidence, man, females 1892.
helper viruses, effects on adeno-associated virus assembly in vitro 4847.
induced kidney adenocarcinoma, cell lines, karyotypes, frogs 1011.
infection, animals/efficacy, vaccinia virus, AMP arabinoside 992.
infection, association-histocompatibility antigen HLA, man 7972.
infection, chemotherapy, man, review 3645.
infection, diagnosis, precipitin test, man 6607.
infection, diagnosis-eye/skin/genital tract lesions, electron microscopy 1823.
infection, dogs, neonates 1960.
infection, immune response, mechanisms, review 3069.
infection, immune response, role-interferon, man 7928.
infection, kidney transplantation patients, case reports 1080.
infection, laboratory animals, monkeys 8364.
infection, Mephitis mephitis 493.
infection, neonates, case reports 1081.
infection, treatment, interferon, review 2347.
infection/oncogenesis, monkeys, review 8061.
infections, maternal, during pregnancy, role-infants mortality, man 6615.
isolated-Macropus parma, seroepidemiology, marsupials, Australia 1218.
isolation/antigenic characteristics, Nymphicus hollandicus 1581.
isolation/characterization, Scophthalmus maximus 567.
latency, maintenance, relationship-immune response, review 5894.
perinatal infection, clinical aspects, man 3732.
physicochemical properties/role-respiratory tract-infection, cattle, review 8347.
replication Vero cells, Junin virus/Tacaribe virus persistent infection effects on 2768.
respiratory tract infection, dogs 5301.
respiratory tract infection, epidemiology/prophylaxis/symptoms, cats 5691.
role-cervix tumours, man 1810.
role-tumours, man, review 5161.
role-urethritis, man 4406.
serepidemiology, man, Brazil 6669.
seroepidemiology, man, France 5238.
stomatitis, association-bone marrow aplasia/hepatitis/leukaemia (acute lymphoblastic), man, case reports 368.
transformation-lymphocytes, Down's syndrome, children 3066.
transformed lymphoid cell lines, cell surface glycoproteins, biochemical analysis 5100.
transmission risks, food, hospitals 5971.
Herpesvirus (avian),
characterization/isolation-Pacheco's disease, parrots 3283.
Herpesvirus (bovine),
characterization/isolation, faeces, diarrhoea, cattle 6046.
infection, association-abortion, cattle, case reports 3865.
infection, clinical manifestations/immune response, ponies 6089.
Herpesvirus (bovine) 1,
infection, cattle, Australia 6050.
infection, gastrointestinal tract, pathology, cattle 3862.
Herpesvirus (canine),
experimental infection, antibody response/clinical manifestations, dogs, neonates 6088.
infection, dogs, juveniles 3860.
respiratory tract infection, dogs 6041.
Herpesvirus (equine),
hydroxyurea resistance, role-ribonucleoside-diphosphate reductase activity 5481.
induced thymidine kinase, characterization/purification, 3T3 cells 4117.
infection, clinical manifestations/immune response, ponies 6089.
live vaccines, evaluation, horses 931.
respiratory tract infection, incidence, horses, Canada 6047.
vaccines, development/efficacy/safety, horses 7953.
Herpesvirus (equine) 1,
antibodies, detection, haemagglutination, comparison-complement fixation/gel precipitation, horses 4982.
association-reproductive failure, horses, Australia 481.

Herpesvirus (equine) 1,(continued)
defective-interfering particles, characterization 4035.
DNA, transformation/transfection ability in vitro 6166.
envelopes/nucleocapsids antibodies, neutralization activity 7889.
induction-thymidine kinase, mammalian cells 689.
infection, sheep kidney cell culture, acid phosphatase release-lysosomes/cytopathology 7537.
intrauterine infection, horses, Australia 482.
myeloencephalitis, outbreaks, horses 5311.
persistent infection, lymphoblastoid cell lines 7530.
radiation (u.v.) treated, biochemical transformation, thymidine kinase deficient 3T3 cells 6286.
respiratory tract infection aetiology, horses 6048.
vaccination, efficacy/immune response, horses 5011.
vaccines, efficacy/failure, pregnancy, horses 7954.
vaccines efficacy/safety, horses 2407.
vaccines strains/wild-type, differentiation, plaques morphology, cell lines, rabbits 5419.
Herpesvirus (equine) 2,
persistence, macrophages cell culture, horses 1333.
Herpesvirus (equine) 3,
proteins, characterization/purification 4016.
Herpesvirus (feline),
respiratory tract infection, cats 3861.
Herpesvirus (simian),
infection, treatment, phosphonoacetic acid, Erythrocebus patas 530.
nuclear antigen detection, herpesvirus (simian) carrying marmosets cell lines 5625.
Herpesvirus (simian) SA8,
experimental infection, central nervous system lesions histopathology, Papio 8399.
Herpesvirus (turkey),
adaptation-embryo fibroblasts, quail/vaccines production 2086.
antigen (tumour-associated) presence, nononcogenic Marek's disease virus infected chickens 2960.
DNA, comparison-Marek's disease virus 4673.
DNA, homology Marek's disease virus 4671.
early/late membranes antigens, comparison, in vitro 6450.
infection, immunity (cell-mediated), chickens 2434.
replication, ultrastructure, ganglia, chick embryos 7532.
sensitivity/reactivation, radiation (u.v.), in vitro 5572.
transmission-airborne, chickens 3292.
vaccinated chickens, lymphocytes, cytotoxicity, Marek's disease virus infected kidney cells, chickens 5721.
vaccination, antibody response, chickens, antibodies-maternal transfer effects on 934.
vaccination, antibody response, chickens 957.
vaccination, Marcks' disease, chickens 2410.
vaccines, efficacy, factors affecting, chickens 5013.
vaccines, efficacy, gentamicin effects on, chickens 5695.
vaccines, efficacy, maternal antibodies effects on, chickens 7152.
vaccines, mitogenicity, chickens 241.
Herpesvirus ateles,
DNA, induction-tumours, Saguinus 1009.
Herpesvirus pan,
early antigen production/characterization 1582.
Herpesvirus papio,
antibody response, lymphoma, Papio hamadryas 5048.
DNA, characterization, lymphoblastoid cell lines, baboons 7720.
early antigen production/characterization 1582.
induction-antigens, lymphoblastoid cell lines, baboons/man, comparison-Epstein-Barr virus 1334.
nuclear antigen, cross-reactivity-Epstein-Barr virus nuclear antigen 7879.
superinfection-Epstein-Barr virus carrying cell lines, inhibition-DNA biosynthesis 4747.
Herpesvirus pongo,
early antigen production/characterization 1582.
Herpesvirus saimiri,
antiviral activity, polyanions/polycations 8034.
DNA, induction-tumours, Saguinus 1009.
induced lymphoma, inhibition-levamisole effects on lymphocytes response-phytohaemagglutinin, Aotus trivirgatus 1760.
Herpesvirus salmonis,
isolation/characterization, Salmo gairdneri 2144.
Herpesvirus tamirinus,
vaccination, Aotus trivirgatus/Sanguinus 7952.
Heteroimmunity,
control-phage β/phage γ replication, Corynebacterium diphtheriae 2242.
Heterokaryons,
permissive cells-tumour cells-mice, polyoma virus replication 1427.
Heterozygotes,
identification-influenza A virus recombinants 827.
Hexachlorophene,
antiviral agents, rhinovirus, hand hygiene 5065.
Hexamethylenebisacetamide,
induction-Friend erythroleukaemia cells differentiation 1785.
Hexons,
antigens, characterization, adenovirus (equine) 4938.
mRNA, non-coding regions 5'-terminus, nucleotide sequence, adenovirus (human) 2 5529.
X-ray crystallography, adenovirus (human) 2 649.
Hexose,
levels, hepatitis, man 5211.
transport, Rous sarcoma virus transformed embryo fibroblasts, chickens 3682.
Hibernation,
bats, tick-borne encephalitis virus persistence 1224.
Hibisol,
antiviral activity, ECHOvirus 11/herpes simplex virus 1 5755.
Hippeastrum mosaic virus,
characterization/isolation, Eucharis grandiflora 7501.
Histiocytic medullary reticulosis,
man, viruses-role 4400.
Histocompatibility,
role-herpes simplex virus 1 immunity transfer, mice 4304.
Histocompatibility antigen Ag-B,
relationship-cell surface antigens, adenovirus (human) 2 transformed cell lines, rats 3665.
Histocompatibility antigen H-2,
association-lymphocytic choriomeningitis virus infection, mice 4321.
association-Rauscher leukaemia virus envelopes glycoproteins, Rauscher leukaemia virus transformed cells, mice 4374.
different influenza virus infected target cells, lysis, alloreactivity depleted lymphocytes T 272.
effects on lymphocytes T cytotoxicity, Sendai virus infected cells, mice 3637.
incompatible lymphocytes response, mice, Abelson leukaemia virus induced lymphoma cell lines 270.
mice, association-cytotoxic lymphocytes T responsiveness-Sindbis virus 6521.
mice, Moloney leukaemia virus induced lymphoma, orientation, relationship-cell surface antigens 8112.
mice, role-cytotoxic lymphocytes T induction, lymphocytic

IRL©1979

Histocompatibility antigen H-2,(continued)
choriomeningitis virus/Sendai virus/vaccinia virus 3630.
mice, role-cytotoxic lymphocytes T recognition-vaccinia virus 5038.
mice, role-immunoglobulins binding-polyoma virus induced tumours 4341.
mice, role-lymphocytes T antiviral activity 4300.
mice, role-lymphocytes T cytotoxicity, SV40 transformed cells 7166.
mice, role-lymphocytes T immune response, influenza virus/vaccinia virus 5741.
mice, role-susceptibility-radiation leukaemia virus transformation 7244.
relationship-influenza A virus/vaccinia virus infection immune response (cell-mediated), mice 1718.
relationship-vaccinia virus induced cell surface antigens, infected cells, mice 7023.
restriction, lymphocytes T cytotoxicity, vesicular stomatitis virus infected cells, target antigens identification, mice 2438.
role-lymphocytes T cytotoxicity, influenza A virus haemagglutinin, in vitro 7187.
role-lymphocytes T immune response, ectromelia virus infection, mice chimaeras 5723.
role-vaccinia virus infection cells recognition, cytolytic lymphocytes T 266.
Histocompatibility antigen HLA,
antigenic determinants, lymphocytes B/lymphocytes T, infectious mononucleosis, man 5034.
association-hepatitis B surface antigen, man 6712.
association herpesvirus infection, man 7972.
complex-β2-microglobulin, role-viruses tumorigenicity 8153.
effects on lymphocytes T cytotoxicity, influenza virus infected cells, man 3631.
man, relationship-lymphocytes cytotoxicity, measles virus infected target cells 4324.
recognition, man, influenza virus-specific lymphocytes T cytotoxicity 8005.
relationship-hepatitis B surface antigen incidence, kidney transplantation, man 414.
relationship-hepatitis B surface antigen carriers incidence 5748.
role-vaccinia virus infection immune response 959.

Histocompatibility antigens,
relationship-poliomyelitis outbreaks, children, Israel 5248.
role-antiviral activity/graft versus host reaction 5709.
role-viruses infection immunity, review 254.
Histocompatibility gene,
association-Friend leukaemia virus induction-leukaemia/viraemia, mice 5144.
Histocompatibility gene H-2,
mice, role-resistance-mouse hepatitis virus infection 7181.
Histocompatibility gene HLA,
role-lymphocytes T cytotoxicity, influenza virus infected cells, man 7184.
Histone H5,
homology, amino acid sequence homology-murine leukaemia virus phosphoproteins 6934.
Histones,
acetyl groups, turnover, SV40 minichromosomes 3403.
acetylation, effects on SV40 chromatin structure/transcription 121.
acetylation, SV40 infected cells 7653.
autoantibodies, mice, murine leukaemia virus infection 6772.
characterization, associated-SV40 replicative form 1471.
derived from animals/plant extracts, antiviral activity 5070.
detection-SV40 chromosomes 37.
enhancement-poliovirus RNA transfection, liver cells 2092.
histone H1, effects on SV40 chromosomes structure 7584.
mobility, SV40 chromosomes 1385.
occurrence-SV40 DNA, infected CV-1 cells 1384.
phosphorylation, Ehrlich ascites tumour cells, mengovirus infection effects on 3443.
structure, SV40 nucleoproteins complex, comparison monkeys kidney cells histones 4716.
HIX virus,
identification-Moloney leukaemia virus x xenotropic C-type virus recombinants 1790.
induction-tumours/identification-murine leukaemia virus recombinants 2489.
nonhomology region-Moloney leukaemia virus, heteroduplexes analysis 46.
ribonuclease oligonucleotides, comparison-Moloney leukaemia virus 1374.
HL23V virus,
mixed infection-baboon endogenous virus, lung cells, bat, pseudotypes production 3670.
Hodgkin's disease,
aetiology, role-Epstein-Barr virus, man, Brazil 1056.
association-varicella-zoster virus pneumonia, case reports 2615.
cell lines, characterization/Epstein-Barr virus detection 7.
children, Epstein-Barr virus antibodies excretion/levels 1815.
complications, coxsackievirus B4 myocarditis, man, case reports 1854.
Epstein-Barr virus antigens detection, lymphocytes, man 262.
Epstein-Barr virus negative malignant cell lines derived from, establishment 6871.
role-viruses, man 6602.
treatment, association-herpes zoster, man 2566.
treatment, herpes zoster complications, man 1093.
treatment, radiotherapy, herpes zoster incidence, man 422.
vaccinia virus vaccination, side effects, man 3002.
vulva warts + concurrent cervix tumours, complications, man, case reports 3141.
Hog cholera,
control, domestic animals, review 3881.
control/eradication, pigs, USA, review 1236.
morbidity, mathematical models, pigs 2691.
Hog cholera virus,
antibodies, detection, haemagglutination (passive), pigs 190.
cytopathogenicity/isolation, IB-RS2 cells 1339.
immunoelectrophoresis (counter) 3513.
inactivation, glutaraldehyde, heart tissue culture, pigs 5762.
infection, antibodies levels, respiratory tract secretions/serum, pigs 2437.
infection/vaccination, immune response (cell-mediated)/immune response (humoral), pigs 3628.
vaccination + immunization (passive), efficacy, pigs 3611.
vaccination, administration routes effects on, pigs 4296.
vaccination, immune response, pigs, maternal transfer antibodies effects on 1687.
vaccination, pigs, colostrum antibodies effects on 5704.
vaccination, pigs, hog cholera virus isolation after 247.
vaccines, efficacy, pigs, German Dem. Rep. 1688.
vaccines, production, comparison-organs, rabbits 2416.
Holcus lanatus,
disease reservoirs, barley yellow dwarf virus infection, Oryza sativa 5383.
virus-like particles detection/physical properties 5487.
Homosexuality,
gonorrhoea transmission (sexual), control/incidence, man 8325.
role-condyloma acuminatum transmission, man 1807.

Homosexuals,
male, hepatitis B surface antigen transmission (sexual) 1915.
Hong Kong,
influenza A virus antigenic characteristics/isolation, ducks 3545.
influenza A virus characterization/isolation, ducks 6078.
Newcastle disease virus incidence, poultry 3877.
Newcastle disease virus isolation, Bambusicola thoracica/ Francolinus pintadeanus 2712.
paramyxovirus strains isolation, poultry 5309.
Hordeum,
viruses disease resistance, plant breeding 3334.
Hordeum distichum,
barley stripe mosaic virus resistance 6800.
Canada, Saskatchewan, barley stripe mosaic virus incidence 3930.

Hordeum vulgare,
barley stripe mosaic virus infection, diagnosis, modified immunodiffusion tests 4235.
barley stripe mosaic virus resistance 6800.
barley yellow dwarf virus transmission (seed) 8456.
Canada, barley yellow dwarf virus infection outbreaks 2752.
Canada, Saskatchewan, barley stripe mosaic virus incidence 3930.
New Zealand, barley stripe mosaic virus identification/ infection 2049.
protoplasts, factors affecting brome mosaic virus RNA infection 1280.
Hormones,
induction-mammary tumour virus, role-carcinogenesis, mice 3703.
receptors, function/structure, relationship-interferon receptors 2978.
reversal-loss-fibronectin/procollagen matrix, SV40 transformed cells, man 8050.
Horsegram yellow mosaic disease,
epidemiology, Dolichos biflorus 6131.
Horsegram yellow mosaic virus,
host range, Phaseolus 8437.
Horses,
adenovirus (equine) aetiology, respiratory tract diseases 1961.
adenovirus (equine) characterization/immunodeficiency/ isolation 879.
Argentina, equine infectious anaemia virus seroepidemiology 517.
Australia, herpesvirus (equine) 1 association-reproductive failure 481.
Australia, herpesvirus (equine) 1 intrauterine infection 482.
Australia, rotavirus characterization/isolation, diarrhoea 1202.
Borna disease clinical manifestations/epidemiology/ pathology, case reports 6749.
bronchitis, viruses aetiology 4519.
France, influenza outbreaks, clinical manifestations/ epidemiology 6079.
herpesvirus (equine) 1 myeloencephalitis outbreaks 5311.
herpesvirus (equine) 1 vaccination, efficacy/immune response 5011.
influenza outbreaks 6080.
influenza vaccination efficacy 5708.
influenza virus vaccination, recommendations 7159.
Japan, influenza virus seroepidemiology 1232.
juveniles, bovine diarrhoea-mucosal disease virus isolation 489.
juveniles, influenza outbreaks, pathology 7412.
juveniles, rotavirus association-diarrhoea 1968.
possible viruses aetiology, chronic diarrhoea 1197.
rotavirus + Salmonella typhimurium concurrent infection, diarrhoea 3286.
USA, Kentucky, equine infectious arteritis outbreaks 1226.
viruses infection, proceedings 1309.
warts, review 1749.
Hospitals,
diabetes patients/personnel, risks-hepatitis B virus transmission 6003.
hepatitis B prophylaxis/transmission, man 2648.
herpesvirus/poliovirus transmission risks, food 5971.
personnel, British Isles, hepatitis risks 5278.
personnel, hepatitis B prevention/prophylaxis/risks 6015.
personnel, hepatitis B risks, Germany, Fed. Rep. 6001.
personnel, hepatitis B surface antigen/antibodies incidence 6709.
personnel, hepatitis B virus association-liver cirrhosis 3215.
personnel, hepatitis B virus immunization (passive), efficacy 3575.
personnel, Liberia, Lassa fever incidence 3797.
personnel, Liberia, Lassa fever virus antibodies incidence 5982.
personnel, viruses antibodies detection, systemic lupus erythematosus 1832
personnel/mental retardation patients, British Isles, hepatitis B virus infection incidence 446.
respiratory syncytial virus infection control, man 3261.
Host cell reactivation,
radiation (u.v.) treated herpes simplex virus, caffeine/ hydroxyurea/uridine (5-bromodeoxy) effects on 7654.
Host range,
beet necrotic yellow vein virus, rhizomania diseases, Beta vulgaris, France 1279.
celery latent virus 2745.
mutants, mapping, adenovirus (human) 5 2225.
mutants, Streptococcus cremoris phages, antigenic characteristics 4935.
onconavirus (avian), Columba livia cells 588.
recombinants, characterization/isolation, fowl plague virus 1541.
restriction, vaccinia virus infection, cells, hamsters, relationship-protein biosynthesis shut-off 2167.
rice tungro virus 5364.
shallot latent virus 6119.
Spodoptera littoralis nuclear polyhedrosis virus 4042.
variants, characterization/isolation, mammary tumour virus 1796.
variants, Sindbis virus, characterization 1424.
Houttuynia cordata,
leaves extracts, enhancement-tobacco mosaic virus infectivity, Nicotiana glutinosa 3926.
Human foamy virus,
isolation, dialysis encephalopathy, man 1867.
Humulus,
Prunus necrotic ringspot virus detection/serotyping, enzyme-linked immunosorbent assay 6445.
Humulus lupulus,
tobacco necrosis virus detection, electron microscopy 8435.
viruses diseases, control/transmission, review 7485.
Hungary,
adenovirus (bovine)/adenovirus (ovine) seroepidemiology, sheep 1215.
maedi/pseudorabies/scrapie incidence, sheep 5297.
Marek's disease diagnosis/epidemiology, chickens 1979.
pseudorabies epizootiology/pathogenesis, pigs 499.
pseudorabies seroepidemiology/control, pigs 500.
tobacco rattle virus/Trichodorus sparsus/Trichodorus

IRL©1979

Hungary,(continued)
viruliferus vectors incidence 8454.
tomato mosaic virus identification/isolation, Solanum tuberosum 7506.
Hyalomma asiaticum,
Bhanja virus antigens detection, haemagglutination (indirect) 857.
Bhanja virus detection, haemagglutination, methodology 7865.
Hyalomma marginatum,
Portugal, Dhori virus isolation 3947.
Hyalomma plumbeum,
Somalia Bhanja virus isolation 7357.
Hyaluronidase,
Streptococcus phages associated, antigens characterization 6446.
Hybridization,
detection-viruses RNA 2783.
Hydranencephaly,
outbreaks, cattle, Australia, Aino virus/Akabane virus aetiology 1203.
Hydrocarbons,
Epstein Barr virus induction, relationship-tumours induction/promotion activity, lymphoblastoid cell lines 3712.
Hydrocephalus,
congenital, induction, mumps virus experimental infection-Macaca mulatta foetuses 6785.
Hydrocortisone,
effects on Newcastle disease virus cytopathic effect/vesicular stomatitis virus stability-freezing 5437.
effects on Rous sarcoma virus replication, chickens/mice/rats cell lines 5504.
injection + bovine rhinotracheitis virus infection, interferon production/leucocytes alterations, cattle 6478.

effects on herpes simplex virus 1 replication, HEp-2 cells 133.
Hydrogen peroxide,
+ radiation (u.v.), inactivation-phage T7, mechanisms 7575.
enhancement-phage T7 lethality, radiation (u.v.) 6903.
2-(α-Hydroxybenzyl)benzimidazole,
indoles analogues, antiviral activity 4338.
8-Hydroxyquinoline,
copper binding, inactivation/inhibition-Rous sarcoma virus 1741.
Hydroxytoluene,
butylated, antiviral activity 1742.
butylated, Newcastle disease protection, chickens 1737.
5-Hydroxytryptamaine,
levels, influenza, mice, tryptamine (2-methyl)/tryptophan (5-hydroxy) effects on 3321.
Hydroxyurea,
effects on host cell reactivation, radiation (u.v.) treated herpes simplex virus 7654.
effects on phage T4 ribonucleoside-diphosphate reductase 4091.
induction-endogenous murine leukaemia virus, AKR cells, involvement-DNA damage 5820.
resistance, herpesvirus (equine), role-ribonucleoside-diphosphate reductase activity 5481.
Hyperbilirubinaemia,
children, β-lipoprotein, role-elevated haemagglutination inhibition, rubella virus, case reports 1710.
Hypercholesterolaemia,
man, coxsackievirus B5 infection effects on 3751.
Hyperimmune plasma,
treatment-cytomegalovirus pneumonitis, man, case reports 6024.
Hyperomyzus lactucae,
transmission (vertical)-sowthistle yellow vein virus, mathematical models 2741.
Hypersensitivity,
cattle, Bolivia, foot and mouth disease virus vaccination 244.
eggs, measles virus vaccines safety, patients 239.
induction, 1-chloro-2,4-dinitrobenzene, treatment-warts, man 5845.
killed measles vaccines, role atypical measles, man 6500.
Nicotiana tabacum leaves, tobacco mosaic virus infection, indoleacetic acid levels 3925.
respiratory tract, atopy, man, role-viruses 5877.
skin tests, association-infectious mononucleosis, man 7173.
smallpox, detection, skin tests, man 1707.
Hypersensitivity (delayed),
cattle, bovine rhinotracheitis virus infection 1700.
diagnosis-pseudorabies, pigs 5029.
guinea-pigs, role-resistance influenza A virus infection 5346.
mice, induction-Semliki Forest virus 5727.
monocytes infiltration, mice, St. Louis encephalitis virus infection 6524.
response, cattle, bovine rhinotracheitis virus antigens 7975.
response, relationship-immunity (cell-mediated), influenza virus vaccination, aged man 6533.
skin tests, cattle, detection infectious bovine rhinotracheitis virus carriers 8344.
Hypertension,
association-varicella, case reports 2565.
Hyperthermia,
treatment-herpes simplex virus 2 infection, neonates, case reports 6718.
Hyphantria cunea,
cytoplasmic polyhedrosis virus infected epithelium cells, electron microscopy (scanning) 2161.
cytoplasmic polyhedrosis virus infection, pathology/recovery 8423.
Diacrisia virginica granulosis virus infected, susceptibility-homologous baculovirus 4570.
Hyphomicrobium,
phages isolation/physicochemical properties 6249.
Hypobromite,
inactivation-poliovirus, water 2657.
Hypochlorous acid,
reaction-nucleotides, relationship-viruses inactivation 6228.
Hypochoeris mosaic virus,
classification/host range/properties/transmission, Hypochoeris radicata 2072.
inclusions, electron microscopy, Nicotiana clevelandii cells 1302.
Hypochoeris radicata,
Hypochoeris mosaic virus classification/host range/properties/transmission 2072.
Hypogammaglobulinaemia,
association-hepatitis B surface antigen positive hepatitis (chronic active), case reports 5223.
association-panencephalitis, role-viruses infection, man, case reports 1838.
association-poliovirus encephalitis, case reports 8226.
Hypoglycorrhachia,
association-mumps virus meningitis, children, case reports 2592.
Hypoplasia,
adrenal gland, infants, cytomegalovirus congenital infection association, case reports 375.
Hyposoter fugitivus fugitivus,
oviposition, Malacosoma americanum, virus-like particles injection during 5352.

Hypoxanthine,
requirements, Rous sarcoma virus infected fibroblasts, chickens 7227.
Hypoxanthine arabinoside,
antiviral activity; chromatography (thin-layer) assays 5061.
Hysterectomy,
gynaecology, association-condyloma acuminatum 8142.
H1 virus,
antibodies, association-abortion/foetuses death, man 2548.

Ibaraki virus,
antigenic relationship-bluetongue virus/epizootic haemorrhagic disease of deer virus 1585.
Ice,
treatment herpes labialis, man 3265, 3840, 6021.
Iceland,
multiple sclerosis aetiology, role-canine distemper virus 3850.
multiple sclerosis incidence, relationship-canine distemper/dogs 1185.
Ileum,
cattle juveniles, rotavirus infection pathogenesis 486.
chlorine/sodium ions, transport defects, role-symptoms, transmissible gastroenteritis, pigs 8359.
***β,γ*-Imidoadenylyl,**
inhibition-5′-triphosphate polynucleotide kinase 717.
Immune adherence haemagglutination,
comparison-complement fixation, viruses 847.
detection-coronavirus (human) 229E antibodies 2267.
detection-Norwalk agent antibodies 2259.
Norwalk agent antibodies incidence, man 3789.
varicella zoster virus, comparison-enzyme immunoassay 2942.
Immune complexes,
arbovirus + antibodies, infection, Aedes aegypti cells, effects on viruses yield/use-viruses assays 5606.
C-type virus, association-systemic lupus erythematosus, man 3756.
characterization, detection, infectious mononucleosis, man 5033.
circulating, characterization, Gross leukaemia virus induced lymphoma, rats 3692.
clinical significance/incidence, hepatitis B surface antigen carriers, man 8015.
detection, hepatitis (chronic active)/hepatitis B surface antigen positive/negative hepatitis 6542.
detection, man/Pan troglodytes, hepatitis (non-A, non-B) 7196.
detection, radioimmunoassay, methodology, hepatitis B virus 865.
detection/localization, influenza virus infected/vaccinated mice 6780.
detection/role-pathogenesis, dengue virus haemorrhagic fever, man 7175.
glomerulonephritis, association-SV40 induced tumours, hamsters 3111.
glomerulonephritis, hepatitis B surface antigen incidence, children 1727.
hepatitis B surface antigen + antibodies, purification/electron microscopy, methodology 4951.
hepatitis B surface antigen, detection, vasculitis, man 4328.
hepatitis B surface antigen detection, glomerulonephritis, man 3777.
hepatitis B virus, characterization/determination, liver disease, man 5058.
hepatitis B virus, role-hepatitis (chronic active) pathogenesis, man 987.
kidney, hepatitis patients, hepatitis B surface antigen detection 4952.
levels, infectious mononucleosis, man 3625.
Moloney sarcoma virus polypeptides + antibodies, clearance, rats 3695.
respiratory syncytial virus, rheumatoid factor, radioimmunoassay 1601.
role-Argentine haemorrhagic fever pathogenesis 968.
role-clinical manifestations, Burkitt's lymphoma/infectious mononucleosis, man 5190.
role-dengue virus haemorrhagic fever pathogenesis 1709.
role-hepatitis B pathogenesis 6660.
role-infectious bursitis virus infection pathology, chickens 7990.
role-urticaria pathogenesis, hepatitis B association, man 1128.
Immune response,
Alouatta caraya, Junin virus experimental infection 6099.
antigens expression correlation-pathogenesis, Rauscher leukaemia virus induced leukaemia, mice 1713.
athymic nude mice, heterologous spleen cells effects on, mouse hepatitis virus infection 7180.
athymic nude mouse, avirulent Semliki Forest virus infection 4316.
athymic nude mouse, mouse hepatitis virus 5050.
cancer patients, influenza A virus vaccination 2399.
cattle, bovine rhinotracheitis virus vaccines-intranasal/intramuscular 2409.
cattle, bovine rhinotracheitis virus vaccination, immunity (passive) effects on 7955.
cattle, juveniles, foot-and-mouth disease virus vaccines 5697.
chickens, Marek's disease virus infection, relationship-tumorigenicity 8068.
chickens, Newcastle disease virus infection, infectious bursitis virus effects on 980.
children, herpes simplex virus infection 3068.
development, relationship-lymphocytic choriomeningitis virus infection prognosis, mice 5049.
dogs, canine distemper virus 3614.
ferrets, influenza A virus infection 976.
hamsters, conference 6827.
hamsters, myxovirus/paramyxovirus infection, immune response 7188.
hamsters, SV40 induced tumours 6565, 6566.
hepatitis B surface antigen, review 2277.
hepatitis B surface antigen positive cirrhosis, man 3642.
herpesvirus infection, mechanisms, review 3069.
horses, herpesvirus (equine) 1 vaccination 5011.
immunized pigs, pseudorabies virus 1701.
in vitro/in vivo models, viruses infection effects on, review 253.
induction, parainfluenza virus 3, correlation-neuraminidase, cattle juveniles 3322.
infants, man, respiratory syncytial virus infection 982.
infants, rotavirus gastroenteritis 7993.
infectious diseases, man, role-complement 2430.
kinetics, pigs, influenza A virus infection 2443.
local, in vitro/in vivo, chickens, Newcastle disease virus 1723.
lymphocytes T, role-histocompatibility antigen H-2, mice chimaeras, ectromelia virus infection 5723.
lymphocytes T, role-histocompatibility antigen H-2, mice, influenza virus/vaccinia virus 5741.
Lytechnicus pictus, phage T4 infection 5024.
Macaca mulatta, hepatitis B virus 2714.
Macaca mulatta, subacute sclerosing panencephalitis experimental infection 1950.
mammary gland, pregnancy, rats, parvovirus (rat) infection

IRL©1979

Immune response,(continued)
5710.
man, circulatory system/heart/kidney diseases effects on, influenza A virus vaccination 6491.
man, cytomegalovirus/herpes simplex virus infection, kidney transplantation 8272.
man, hepatitis (chronic active) effects on 281.
man, hepatitis B virus infection, association-serum iron levels 5754.
man, herpes labialis 4305.
man, infectious mononucleosis 7985.
man, influenza A virus live vaccines 6493.
man, influenza virus infection 2441.
man, New Zealand, influenza A outbreaks 437.
man, relationship-hepatitis virus detection-liver, hepatitis B 3211.
man, rotavirus infection, enzyme-linked immunosorbent assay 2257.
man, rubella virus vaccination 3011.
man, warts, review 8146.
man/animals, viruses infection, review 7165.
mechanisms, viruses infection, review 1690.
mice, coxsackievirus B3 infection, sodium aurothiomalate effects on 6767.
mice, influenza virus infection, complement deficiency effects on 3091.
mice, influenza virus infection, role-cytotoxic lymphocytes T 4323.
mice, oncornavirus induced tumours 3083.
mice, role-pathogenesis-encephalomyocarditis virus induced diabetes 8402.
mice, Sindbis virus infection, complement depletion effects on 3078.
mice, SV40 induced sarcoma, antigen (tumour-associated) 3663.
mice, vesicular stomatitis virus temperature-sensitive mutant persistent infection 6779.
mink, Aleutian disease virus asymptomatic infection 1211.
Moloney sarcoma virus induced tumours, BALB/c mice, cryosurgery/surgery effects on 1794.
multiple sclerosis 470.
neonates, cattle, parainfluenza virus 3 infection 1209.
pigs, pseudorabies virus infection 951.
ponies, herpesvirus (bovine)/herpesvirus (equine) infection 6089.
poultry, Newcastle disease virus infection 252.
rabbits, influenza A virus infection, trachea 1720.
rabbits, vaccinia virus antigens 1705.
rabbits neonates, interferon-leucocytes, man 2992.
rats, poliovirus 1 infection 6093.
regulation, role-interferon, review 2309.
relationship-herpesvirus latency maintenance, review 5894.
role-interferon, herpesvirus infection, man 7928.
role-interferon, viruses infection, man 7927.
role-interferon I/interferon II, review 2359.
role-lymphocytes T/lymphocytes B, mice, rabies virus infection 970.
role-mumps virus treatment-cancer patients 5744.
role-resistance-murine leukaemia virus induced leukaemia, review 3085.
role-visna virus pathogenesis, review 3902.
Salmo gairdneri, Egtved virus infection 8360.
sensitized hamsters/rabbits, herpes simplex virus transformed fibroblasts, hamsters 5793.
sheep, visna virus infection 1716.
Sigmodon hispidus, respiratory syncytial virus infection 5349.
Sigmodon hispidus, respiratory syncytial virus experimental infection 6788.
systemic lupus erythematosus, man, influenza A virus vaccination 235.
tumours, mice, Moloney leukaemia virus/Moloney sarcoma virus infection effects on 3694.
tumours allografts, cytomegalovirus infection effects on, mice 3621.
turkeys, haemorrhagic enteritis 479.
vaccinia virus infection, role-histocompatibility antigen HLA 959.
vesicular stomatitis virus infected mice, vesicular stomatitis virus replication-lymphocytes T, characterization 3087.
viruses persistent infection-tumour cells, athymic nude mouse 8006.
Immune response (cell-mediated),
antibodies-cells interaction, mice, Sindbis virus infection 5702.
cancer patients, children, varicella zoster virus 264.
cross-reactivity, mice, flavivirus infection 962.
decrease, mice, lymphocytic choriomeningitis virus infection 1717.
during SV40 induced tumours growth, hamsters 1691.
Epstein-Barr virus, relationship-symptoms, infectious mononucleosis, man 3075.
Epstein Barr virus/herpes simplex virus infection, review 7171.
guinea-pigs, foot-and-mouth disease 8403.
guinea-pigs, phage MS-2 255.
hamsters, influenza virus infection 6532.
hamsters, viruses infection 6505.
hepatitis (chronic active), man, hepatitis B surface antigen 988.
hepatitis B core antigen/hepatitis B surface antigen, role-liver pathology, hepatitis B, man 3643.
infection, E pstein-Barr virus 955.
kidney transplantation, man, cytomegalovirus infection 954.
leucocytes migration inhibition, Cercopithecus aethiops, measles virus infection 274.
liver diseases/hepatitis B, man, hepatitis B e antigen/hepatitis B surface antigen 4332.
man, baboon endogenous virus/Mason-Pfizer monkey virus infection 7179.
man, cytomegalovirus infection 3622.
man, hepatitis B surface antigen, hepatitis B virus infection 5750.
man, herpes simplex virus genital tract infection 3070.
man, herpes simplex virus 1 infection, role-lymphocytes B/lymphocytes T/monocytes 950.
man, influenza A virus neuraminidase/haemagglutinin 2302.
man, role-influenza A susceptibility 5052.
man, rubella virus vaccines, age effects on 3010.
man, varicella-zoster virus infection, poly (I.C) effects on, leukaemia/lymphoma, man 5722.
3-methylcholanthrene/Moloney sarcoma virus induced tumours, cross-reactivity, mice 8128.
mice, AKR leukaemia virus infection 1714.
mice, influenza A virus infection 974.
mice, influenza A virus/vaccinia virus infection, relationship-histocompatibility antigen H-2 1718.
mice, role-central nervous system pathogenesis, herpes simplex virus 1 infection 6087.
mice, Semliki Forest virus 5726.
mice, SV40 antigen (tumour-associated), histocompatibility gene mapping 5027.
pigs, hog cholera virus infection/vaccination 3628.
rabbits, cytomegalovirus infection 4307.
rabbits, influenza A virus immunization 1719.
relationship-age, man, rubella virus vaccination 964.

Immune response (cell-mediated),(continued)
respiratory syncytial virus infection, role-pathology, man 8012.
role latency control, herpes simplex virus, ganglia, in vivo/in vitro 7816.
Rous sarcoma virus transformed cells, hamsters 4356.
specificity, mice, Moloney leukaemia virus + murine sarcoma virus induced tumours glycoproteins 5831.
Immune response (humoral),
cattle sheep, bovine leukaemia virus infection 7995.
during SV40 induced tumours growth, hamsters 1691.
guinea pigs, comparison papilloma virus (human) hypersensitivity, antigenic relationship 3063.
guinea pigs, foot and mouth disease 8403.
hepatitis B core antigen/hepatitis B surface antigen, role-liver pathology, hepatitis B, man 3643.
interferon effects on 2344.
kinetics, man, varicella zoster virus infection 3077.
man, role influenza A susceptibility 5052.
mice, adenovirus (human) 3 infection effects on 4302.
mice, AKR leukaemia virus infection 1714.
pigs, hog cholera virus infection/vaccination 3628.
prostate tumours, man, cytomegalovirus infected/transformed cells 1812.
role latency control, herpes simplex virus, ganglia, in vivo/in vitro 7816.
Immune serum,
prophylaxis varicella, man 7929.
Immune status,
hamsters, adenovirus (human)/SV40 infection effects on 6510.
hepatitis (chronic)/liver cirrhosis, correlation-hepatitis B surface antigen/antibodies, children 1730.
man, relationship prognosis, hepatitis B 7192.
man, transfer factor effects on, subacute sclerosing panencephalitis 7398
man, USSR, influenza A virus influenza B virus 5984.
measles virus, USA 6484.
mice, Moloney sarcoma virus induced tumours 1041.
poliovirus, man, UK 1895.
screening, man, rubella virus 7941.
Immune system,
cattle juveniles, viruses respiratory tract infection, review 256.
man, viruses respiratory tract infection effects on 6617.
Immunity,
adenovirus (canine) 2 infection, induction, adenovirus (canine) 1 vaccination, dogs 3052.
cattle, rotavirus (bovine), review 513.
chickens, Marek's disease virus vaccination 1684.
chickens/quail, avian sarcoma virus induced tumours 6525.
children, mumps virus infection, cross-reactivity parainfluenza virus 3094.
children, Nepal/Sri Lanka, measles virus 277.
genetic analysis, phage P22/phage L, Salmonella 1531.
hamsters, SV40 induced tumours, BCG effects on 4348.
herpes simplex virus 1, transfer, role-helper cells/histocompatibility, mice 4304.
horses, adenovirus (equine) infection 3064.
induction, halothane exposure, hepatitis, man 282.
influenza, detection, lymphocytes blast cells transformation, man 3089.
man, measles virus/rubella virus vaccines 2380.
man, viruses gastrointestinal tract infection 2431.
multiple sclerosis, man, measles virus 468.
Newcastle disease virus, induction related paramyxovirus (avian), chickens 8010.
persistence, man, rubella virus vaccines 1666.
rats, influenza virus infection, role-secretory immunoglobulin A, respiratory tract cells 5051.
rats, Rous sarcoma virus induced tumours, detection, leucocyte adherence inhibition, cross-reactivity-BCG 5731.
relationship-infection/nutrition, book 8470.
role-breast feeding, respiratory syncytial virus infection, man 3574.
role haemagglutination inhibition/neutralization antibodies, rubella, man 5040.
viruses infection, role histocompatibility antigens, review 254.
Immunity (cell-mediated),
bone marrow transplantation, man, cytomegalovirus infection 3071.
breast tumours, man, Kirsten sarcoma virus/mammary tumour virus/Rauscher leukaemia virus 967.
breast tumours, man, mammary tumour virus 2526.
chickens, herpesvirus (turkey) infection 2434.
children, measles virus infection 978.
depression, Epstein-Barr virus, nasopharynx tumours, man 5855.
Epstein-Barr virus, relationship-immunity (humoral), lymphoma patients 3623.
immunosuppression effects on, kidney transplantation, mice/man, cytomegalovirus infection 7977.
induction, mechanisms, mice, adenovirus (murine) infection 1695.
lymphocytes T, mice, influenza virus infection 973.
mammary gland tumours, mice, mammary tumour virus 5047.
man, herpes simplex virus infection, kidney transplantation 6511.
man, herpes simplex virus recurrent infection 1696.
man, immunosuppression, herpes simplex virus infection 1698.
man, measles virus infection 977.
Marek's disease tumour cells, chickens, induction, Marek's disease virus vaccines 5696.
mice, Coxsackievirus B3 myocarditis 961.
mice, cytomegalovirus, in vitro 4308.
mice, dengue virus infection 3079.
mice, influenza virus infection 2440.
mice, Moloney sarcoma virus induced tumours 5046.
mice, rabies virus 971.
mice/man, interferon I/interferon II effects on 2343.
migration inhibition, mice, adenovirus (murine) infection 1694.
multiple sclerosis, man, measles virus/myelin proteins/central nervous system extracts 1183.
relationship-influenza virus vaccination, hypersensitivity (delayed) response, aged man 6533.
suppression, man, association-herpes simplex virus recurrent infection 5715.
suppression-herpes simplex virus replication in vitro, mechanisms 4303.
Immunity (humoral),
Epstein-Barr virus, relationship-immunity (cell-mediated), lymphoma patients 3623.
immunosuppression effects on, kidney transplantation, mice/man, cytomegalovirus infection 7977.
man, cytomegalovirus infection 1566.
man, herpes simplex virus infection, kidney transplantation 6511.
Immunity (passive),
animals, rotavirus infection 2364.
effects on bovine rhinotracheitis virus vaccination immune response, cattle 7955.
effects on Newcastle disease virus vaccination, efficacy,

IRL©1979

Immunity (passive),(continued)
chickens 4298.
maternal transfer, colostrum, transmissible gastroenteritis virus vaccination, pigs 249.
maternal transfer, colostrum, transmissible gastroenteritis virus vaccination pigs 250.
mice, Junin virus congenital infection 3895.
transfer, vaccinated chickens/offspring, infectious bursitis virus 217.
Immunization (passive),
animals, rotavirus infection 2364.
antibody response, children, varicella-zoster virus 3572.
associated haemodialysis hepatitis B, man 909.
cats/mice, feline leukaemia virus/Friend leukaemia virus 2367.
combination-vaccination, efficacy, pigs 3611.
cytomegalovirus infection, mice 906.
cytotoxic lymphocytes T transfer, influenza virus, mice 3573.
effects on herpes simplex virus 1 infection, nervous system, mice 6084.
efficacy, after rubella virus exposure, man 2366.
efficacy, man, rabies virus 918.
efficacy, man, rubella virus 1650.
feline rhinotracheitis virus, efficacy, cats 5694.
hepatitis A/hepatitis B, man 2993.
hepatitis A virus, children 2995.
hepatitis A virus/hepatitis B virus, man 2994.
hepatitis B, children 4329.
hepatitis B, recommendations, man 3576.
hepatitis B/hepatitis (non-A, non-B) 2996.
hepatitis B surface antigen positive bone marrow transplantation, man, case reports 1653.
hepatitis B virus, efficacy, hospitals personnel 3575.
immunoglobulins, treatment-measles/bronchopneumonia, children 4268.
mammary tumour virus, mice 908.
man, rabies virus 1905.
man, review 7931.
prophylaxis-hepatitis B virus, transmission (vertical), man 1652.
rabies virus, efficacy, recommendations, man, review 2385.
rhesus D, effects on simultaneous rubella virus vaccination, man 1667.
sheep, rotavirus 2365.
tick-borne encephalitis virus, immunoglobulin G/immunoglobulin M, mice 4267.
use, transmissible gastroenteritis virus, use-cattle colostrum 5661.
use-colostrum, sheep, rotavirus 5660.

Immunoassays,
adherence-immunoglobulins + Staphylococcus aureus labelling, vesicular stomatitis virus 3522.
solid phase methods, hepatitis B surface antigen 6428.
Immunocompetence,
chickens, infectious bursitis virus infection effects on 4551.
hepatitis B virus, association-nephropathy, man 5753.
sex linkage, association-Epstein-Barr virus role tumours, man 7263.
Immunodeficiency,
association-viruses respiratory tract infection, children, treatment 354.
children, association viruses susceptibility 2429.
effects on varicella clinical manifestations, children, case reports 5913.
Epstein-Barr virus antibodies levels, man 5031.
horses, adenovirus (equine) 879.
relationship-Epstein Barr virus infection, man 3624.
role measles pathogenicity, man adults 401.
Immunodiffusion,
assays-influenza A virus, methodology 7078.
bovine leukaemia virus antibodies detection 859.
bovine leukaemia virus seroepidemiology, cattle, Belgium 2479.
detection-adenovirus antibodies, man 4906.
detection-antibodies, Borna virus infection, rabbits 2275.
detection-bovine leukaemia virus antigens, leukaemia, cattle 2265.
detection-coronavirus (human) OC43 antibodies, methodology 5677.
detection-cucumber mosaic virus, Nicotiana 4930.
detection-equine infectious anaemia virus antibodies, horses 3515.
detection-hepatitis B e antigen/antibodies, hepatitis B surface antigen carriers, man 6437.
detection-hepatitis B surface antigen 3531.
detection-hepatitis B surface antigen, hepatitis B diagnosis 867.
detection-herpes simplex virus antibodies 7059.
detection-influenza virus antibodies, birds 4226.
detection-maedi virus/visna virus antibodies, goats/sheep 4990.
detection-mammary tumour virus antigens, milk, man 5857.
detection-rotavirus, faeces, cattle 6734.
detection-rotavirus antigens, faeces, enteritis, cattle 2258.
detection-rotavirus antigens, faeces/intestine, diarrhoea, cattle 2946.
diagnosis-bovine leucosis, cattle 2264, 3683, 5675, 7232.
diagnosis-bovine leucosis, cattle/sheep 7072.
diagnosis-bovine leucosis, methodology, cattle 4919.
diagnosis-equine infectious anaemia, horses 3514, 6581.
diagnosis-infectious bursitis 2250.
diagnosis-maedi virus infection, sheep 1954.
diagnosis-pseudorabies, pigs, comparison-immunodiffusion/radioimmunoassay 4214.
diagnosis-rotavirus (bovine) infection, cattle 3511.
feathers extracts, chickens, Marek's disease virus antigens detection 4908.
modified, detection-citrus tristeza virus, Citrus tissues 4236.
modified, diagnosis-barley stripe mosaic virus infection, Hordeum vulgare 4235.
paralytic syndrome virus 5621.
quantitation-belladonna mottle virus/radish mosaic virus/sowbane mosaic virus/turnip yellow mosaic virus 4237.
use-adenovirus (bovine) classification 4937.
Immunoelectrodiffusion,
detection-hepatitis B surface antigen 3531.
Immunoelectron microscopy,
antigenic relationship-Arrhenatherum blue dwarf virus/Lolium enation virus/oat sterile dwarf virus 1598.
barley stripe mosaic virus/lettuce mosaic virus/soybean mosaic virus/tobacco ringspot virus detection/identification 4933.
comparison-enzyme-linked immunosorbent assay, plum pox virus detection 5690.
faeces, man, diagnosis-viruses infection 7278.
hepatitis A antigen localization, liver cels, Saguinus mystax 3529.
hepatitis B surface antigen, man 4724.
influenza B virus induced surface antigen, antibodies induced redistribution, MDCK cells 4244.
Immunoelectrophoresis,
absorption, preparation/purification-cucumber mosaic virus/hepatitis B antigen/tobacco mosaic virus 4608.

Immunoelectrophoresis,(continued)
cucumber mosaic virus, antigens characterization 3535.
cucumber mosaic virus antigens 3549.
cucumber mosaic virus/tobacco mosaic virus assays 4929.
hepatitis B surface antigen 1575.
hepatitis B surface antigen quantitation 5616.
Immunoelectrophoresis (counter),
cytomegalovirus antibodies detection, methodology 1565.
detection-coxsackievirus/poliovirus 2943.
detection-dengue virus antigens 6420.
detection-hepatitis B core antigen antibodies 2280.
detection-hepatitis B surface antigen 1577, 4922.
detection-hepatitis B surface antigen, hepatitis B diagnosis 867.
detection-pseudorabies virus antibodies, serum, pigs 7858.
detection-rabies virus antibodies, comparison-neutralization 2268.
determination-hepatitis B antigen/antibodies, man 870.
diagnosis-hog cholera virus infection 3513.
diagnosis-rotavirus (bovine) infection, cattle 3511.
diagnosis-viruses infection, central nervous system, man 5864.
diagnosis-viruses infection, comparative studies 189.
diagnosis-viruses infection, review 7853.
differentiation/antigenic relationship-viruses 188.
quantitation-hepatitis B surface antigen antibodies, serum, man 5007.
rotavirus antibodies detection, colostrum/breast milk, man 5604.
rotavirus antigens detection, faeces, cattle, juveniles 4987.
Immunoelectrophoresis (crossed),
herpes simplex virus 1/herpes simplex virus 2 quantitation 6410.
herpes simplex virus 1 types specific antigens characterization 3543.
Immunoelectrophoresis (rocket),
quantitation-Marek's disease virus antigens 2941.
Immunofluorescence,
adenovirus (human) 12 antigen T/early protein induction, KB cells/RK-13 cells 2287.
anti-complement, detection-cytomegalovirus antibodies 2255.
assays, cytomegalovirus, cell culture 2940.
assays, Ross River virus antibodies, man 4217.
avian laryngotracheitis diagnosis, chickens 475.
blocking test, detection-hepatitis B core antigen/hepatitis B virus antigen δ antibodies 6440.
bovine leukaemia virus antibodies detection 859.
comparison-complement fixation/haemagglutination inhibition, detection-dengue virus antibodies 4914.
comparison-enzyme immunoassay/radioimmunoassay, detection-varicella-zoster virus antibodies, man 4909.
comparison-haemagglutination inhibition, detection-rubella virus antibodies, man 4917.
detection-antibodies, Borna virus infection, rabbits 2275.
detection-autoantibodies, hepatitis (chronic active) diagnosis, man 3527.
detection-cytomegalovirus antigens 2255.
detection-cytomegalovirus specific immunoglobulin M, man 6413.
detection-Epstein-Barr virus antibodies, man 4983.
detection-feline leukaemia virus 4360.
detection-feline leukaemia virus antigens, cats 2949.
detection-feline leukaemia virus antigens 7073.
detection-hepatitis B core antigen/hepatitis B surface antigen, liver biopsy, man 3533.
detection herpes simplex virus antibodies, infected cells 7856.
detection-influenza A virus antibodies, comparison-haemagglutination inhibition/haemagglutination (passive) 4227.
detection-maedi virus/visna virus antibodies, goats/sheep 4990.
detection-paralytic syndrome virus, experimental infection, chickens 5622.
detection-pseudorabies virus, bovine rhinotracheitis virus + pseudorabies virus preparation 7062.
detection-rabies virus antibodies, methodology 861.
detection-rotavirus, faeces, cattle 6734.
detection-rotavirus, methodology 7067.
detection-rubella virus antibodies 4918.
detection-tick-borne encephalitis virus antibodies 7861.
detection-transmissible gastroenteritis virus antigens, use-feline infectious peritonitis virus antibodies, pigs 4921.
detection-viruses, review 7055.
diagnosis-adenovirus (human) 3/adenovirus (human) 7 pneumonia, children 1064.
diagnosis-bovine leucosis, cattle 2264.
diagnosis-coronavirus (human) infection, man 2266.
diagnosis-herpes simplex virus infection, man/monkeys 2253.
diagnosis-herpes simplex virus meningitis/meningoencephalitis/herpes zoster/mumps, man 7058.
diagnosis-herpes simplex virus 2 genital tract infection, man 7275.
diagnosis-influenza 3524.
diagnosis-maize chlorotic dwarf virus infection, Zea mays 3536.
diagnosis-Marburg disease virus infection, man 3521.
diagnosis-rabies, comparison-immunoperoxidase test, animals 2270.
diagnosis-transmissible gastroenteritis 1194.
diagnosis-transmissible gastroenteritis, pigs 4223.
diagnosis-viruses infection, comparative studies 189.
diagnosis-viruses infection, man, review 7057.
hepatitis B surface antigen uptake, macrophages, in vitro 6454.
herpes simplex virus infected cells, slides stability 4213.
herpes simplex virus infection, mouth, diagnosis, man 849.
herpes simplex virus 1/herpes simplex virus 2 differentiation, herpes genitalis, man 7060.
identification-clover yellow mosaic virus inclusions, Vigna sinensis leaves 557.
Mason-Pfizer monkey virus/simian sarcoma virus, use-trypan blue 7866.
modified, detection-feline leukaemia virus group-specific antigen 4222.
modified, Epstein-Barr virus nuclear antigen detection 5601.
Newcastle disease virus experimental infection distribution-organs, chickens 2017.
preparation-canine distemper virus antigens, central nervous system/tissues, dogs 5742.
rotavirus antigens detection, faeces, cattle, juveniles 4987.
src gene products, avian sarcoma virus transformed embryo cells, chickens 3674.
study, canine distemper virus encephalitis, paraffin-embedded tissues 2272.
Immunofluorescence (indirect),
detection-hepatitis B surface antigen, liver tumours, man 2528.
detection-rotavirus (human) antibodies, man 5605.
detection-rubella virus immunoglobulin M antibodies, infants 6422.
diagnosis-respiratory syncytial virus infection, children, comparison-tissue culture infectivity 3526.
Immunogenicity,
bovine rhinotracheitis virus inactivated vaccines, variation-

IRL©1979

mmunogenicity,(continued)
inoculation route, cattle 932.
ierpesvirus, radiation (γ) effects on 82.
nfluenza A virus vaccines, comparison-efficacy, man 1672.
nammary tumour virus induced mammary gland tumours, C3H mice sublines 332.
heep pox virus growth-cell culture 584.
vaccinia virus vaccines, man 910.
mmunoglobulin A,
evels, nasal secretions/serum, influenza A virus vaccination, man 5685.
esponse, man, rubella virus infection 2436.
ubella virus specific, detection, adsorption-Staphylococcus aureus + centrifugation (sucrose density gradient) 7070.
ecretory, combination-interferon, treatment-herpes simplex virus keratitis, man 1638.
mmunoglobulin D,
evels, hepatitis (acute), man 984.
mmunoglobulin E,
ntisera, conjugates-phage T4, immunoglobulin E levels determination, man 848.
evels, hepatitis B surface antigen negative/positive hepatitis, man 1729.
evels, immunosuppression, herpes simplex virus/measles virus/parainfluenza virus 1 infection, man 3619.
evels, infectious mononucleosis, man 3074.
mmunoglobulin G,
ntibodies, hepatitis B core antigen/hepatitis B surface antigen, levels, relationship-hepatitis B virus persistent infection, man 3644.
ntibodies, rabies virus, detection, enzyme immunoassay, man 4993.
iosynthesis, brain, multiple sclerosis/subacute sclerosing panencephalitis, man 5059.
rain, subacute sclerosing panencephalitis, use-detection-measles virus, man 6732.
letection, enzyme-linked immunosorbent assay, use-diagnosis-rubella, man 8170.
letection, immunofluorescence, rubella virus 4918.
nzyme-linked immunosorbent assay, cytomegalovirus 2939.
nzyme-linked immunosorbent assay, rubella virus 2947.
epatitis B core antigen/hepatitis B e antigen antibodies, levels, relationship-prognosis, hepatitis B, man 4452.
evels, hepatitis (acute), man 984.
evels, hepatitis A/hepatitis B, man 6539.
evels, man, influenza A virus infection 3633.
evels, relationship-prognosis, hepatitis B, man 6546.
neasles virus specific, characterization, subacute sclerosing panencephalitis, brain, man 276.
eutralization, relationship-serum protection, mice, foot-and-mouth disease virus 4315.
roduction, lymphocytes B derived from rheumatoid arthritis patients, Epstein-Barr virus stimulation/transformation, in vitro 3381.
esponse, man, cytomegalovirus infection 4306.
ecreting lymphocytes B detection, influenza virus, mice 2442.
ck-borne encephalitis virus immunization (passive), mice 4267.
mmunoglobulin M,
ntibodies, absence, rubella (congenital), case reports 5041.
ntibodies, hepatitis B core antigen/hepatitis B surface antigen, levels, relationship-hepatitis B virus persistent infection, man 3644.
ntibodies, rabies virus, detection, enzyme immunoassay, man 4993.
ssociation-Guillain-Barre syndrome/encephalitis, herpes simplex virus 1082.
complement fixation/haemagglutination (indirect), role-rheumatoid factor, cytomegalovirus 1567.
cytomegalovirus specific, detection, enzyme immunoassay/immunofluorescence, man 6413.
detection, enzyme-linked immunosorbent assay, use-diagnosis-rubella, man 8170.
detection, immunofluorescence, rubella virus 4918.
detection, ion-exchange batch technique, rubella virus/tick-borne encephalitis virus 1571.
enzyme-linked immunosorbent assay, cytomegalovirus 2939.
enzyme-linked immunosorbent assays, rubella virus 3512.
hepatitis B core antigen/hepatitis B e antigen antibodies, levels, relationship-prognosis, hepatitis B, man 4452.
interferon sensitive expression, Raji cells, herpes simplex virus persistent infection 6867.
levels, diagnosis-rubella (congenital), children 3722.
levels, diagnosis-rubella (congenital), centrifugation/chromatography, children 3723.
levels, hepatitis A/hepatitis B, man 6539.
levels, man, influenza A virus infection 3633.
levels, radioimmunoassay, measles virus infection, man 275.
levels, relationship-prognosis, hepatitis B, man 6546.
levels, small-for-gestational age neonates, man, rubella virus 5728.
neutralization, relationship-serum protection, mice, foot-and-mouth disease virus 4315.
radioimmunoassay, interference, rheumatoid factor, rubella virus 1570.
relationship-hepatitis B surface antigen/glutamic oxaloacetic transaminase/glutamic pyruvic transaminase levels, serum, hepatitis B, man 8254.
rubella virus specific, detection, adsorption-Staphylococcus aureus + centrifugation (sucrose density gradient) 7070.
tick-borne encephalitis virus immunization (passive), mice 4267.
viruses antibodies, enzyme-linked immunosorbent assay, false-positives elimination 4905.
Immunoglobulins,
binding, polyoma virus induced tumours, role-histocompatibility antigen H-2, mice 4341.
classes characterization, Newcastle disease virus infection antibody response, chickens 6537.
coating, respiratory syncytial virus infected respiratory tract cells, man 2447.
commercial, hepatitis B surface antigen antibodies levels 7083.
commercial, transmission-hepatitis B, man 8324.
commercial preparations, man, viruses antibodies levels 4212.
detection, man, use-cytomegalovirus infection diagnosis during pregnancy 7276.
detection, radioimmunoassay, tick-borne encephalitis virus 853.
efficacy, prophylaxis-hepatitis B 1651.
efficacy/availability, varicella-zoster virus/herpes zoster 216.
hepatitis B prophylaxis, neonates 218.
isolation-colostrum, fluorescent antibody test, transmissible gastroenteritis virus 2951.
levels, cerebrospinal fluid, diagnosis-viruses meningitis, man 3062.
levels, cerebrospinal fluid, multiple sclerosis/viruses meningitis, man 5025.
levels, cerebrospinal fluid/serum, mumps virus meningitis, man 979.
levels, children 6668.
levels, colostrum, cattle, bovine rhinotracheitis virus/parainfluenza virus 3 5658.
levels, cytomegalovirus infection, relationship-smooth muscle

Immunoglobulins,(continued)
antibodies, man 5718.
levels, infants, adenovirus/myxovirus respiratory tract infection 1693.
levels, infectious mononucleosis, man 3625.
levels, relationship lymphocytes cytotoxicity, hepatitis (chronic active), man 283.
light chain λ/light chain κ levels/ratios, man, encephalitis/multiple sclerosis/subacute sclerosing panencephalitis 7395.
light chains ratios, cerebrospinal fluid, multiple sclerosis 1181.
oligoclonal, idiotypes characterization, multiple sclerosis/subacute sclerosing panencephalitis, man 5055.
preparation, interferon-man, methodology 4251.
production, Abelson leukaemia virus induced lymphosarcoma, mice 8097.
prophylaxis-hepatitis B, recommendations, man 1654.
quantitation, neutralization tests, mice, rabies virus 6481.
secretion, Abelson leukaemia virus transformed bone marrow cell lines, mice 5149.
transmission-hepatitis B virus, man 8318.
treatment-Argentine haemorrhagic fever, man 8335.
treatment-measles/bronchopneumonia, children 4268.

Immunoperoxidase test,
detection hepatitis B core antigen/hepatitis B surface antigen, liver biopsy, man 3533.
detection hepatitis B core antigen/hepatitis B surface antigen, liver, correlation-pathology, man 7869.
detection-hepatitis B surface antigen, liver biopsy, carriers 5620.
detection infectious pancreatic necrosis virus, in vitro 4216.
detection-mouse hepatitis virus, mice 2950.
diagnosis herpes simplex virus meningitis/meningoencephalitis/herpes zoster/mumps, man 7058.
diagnosis herpes simplex virus 1 encephalitis, man 4398.
diagnosis influenza 3524.
diagnosis rabies, comparison immunofluorescence, animals 2270.
diagnosis transmissible gastroenteritis, pigs 7075.
diagnosis viruses infection, comparative studies 189.
differentiation epizootic diarrhoea of infant mice virus/mouse hepatitis virus/reovirus 3, in vitro 2944.
enterovirus (porcine) detection/strains identification 6415.
Epstein Barr virus antigens/antibodies detection 851.
modified, liver biopsy, detection hepatitis B surface antigen, man 4230.
quantitation SV40 antigen T 2082.
Semliki Forest virus antigens detection, cell culture 5608.
typing-herpes simplex virus 1/herpes simplex virus 2 6411.
viruses, review 7055.
Immunoprophylaxis,
foot-and mouth disease, historical account 2413.
hepatitis, haemodialysis, man, review 2647.
recommendations, man, rabies 229.
rubella (congenital), man 5674.
Immunostimulants,
effects on Junin virus experimental infection, mice 8412.
Immunosuppression,
activity, cats, feline leukaemia virus proteins 7998.
associated cytomegalovirus infection + concurrent malnutrition, mice 952.
associated cytomegalovirus infection, mechanism, mice 1702.
associated-influenza A virus infection, role-macrophages, man 3092.
associated-SV40 induced tumours, hamsters 7970.
association cytomegalovirus retinitis, man 3073.
association-feline leukaemia virus infection, cats 1712.
association-viruses infection, man, review 2428.
avian myeloblastosis virus infection induction, chickens 3080.
children, effects on influenza A virus vaccination efficacy 2400.
children, measles virus infection 1721.
control, genetic analysis, mice, Friend leukaemia virus 2494.
cyclophosphamide, effects on herpes simplex virus 1 uveitis, rabbits 6763.
cyclophosphamide induced, effects on avian myeloblastosis virus induced leukaemia (acute myeloblastic), chickens 7220.
effects on herpes simplex virus 2 transmission (vertical), hamsters 4546.
effects on herpes zoster, man, review 1703.
effects on immunity (cell-mediated)/immunity (humoral), kidney transplantation, mice/man, cytomegalovirus infection 7977.
effects on tick-borne encephalitis virus vaccination, mice 5018.
Ehrlich ascites tumours, mice, Erwinia carotovora phage 62 948.
Epstein Barr virus infection, man 7983.
Friend leukaemia virus induced lymphoma, mice 327.
Friend leukaemia virus infection associated, mechanisms, mice 7243.
immunity (cell-mediated), man, herpes simplex virus infection 1698.
kidney transplantation patients, relationship-cytomegalovirus infection 5241.
kidney transplantation patients, role-viruses infection, skin 5173.
levamisole, role-encephalitis pathology, case reports 5181.
lymphocytes allogeneic response, adenovirus (human) 5 infection, mice 3065.
lymphocytes T, mice, dengue virus 2 infection 6522.
man, association-adenovirus hepatitis, case reports 7286.
man, association-cytomegalovirus + Pneumocystis carinii/Toxoplasma gondii mixed infection 5899.
man, herpes simplex virus/measles virus/parainfluenza virus 1 infection, immunoglobulin E levels 3619.
man, measles virus encephalopathy association 402.
man, poliovirus infection 6520.
man, varicella treatment 6025.
mice, associated-influenza virus infection 8007.
mice, cytomegalovirus latent infection activation 6090.
mice, Friend leukaemia virus/Rowson-Parr virus infection 6528.
mice, murine leukaemia virus induced leukaemia 7178.
mice, reactivation-cytomegalovirus latent infection 8400.
neonates, man, measles virus infection 1722.
role-herpes zoster pathogenesis, man 2683.
role-lymphatic leukaemia virus, Friend leukaemia virus infection, mice 7236.
spleen cells, chickens, Marek's disease virus infection 956.
treatment-hepatitis (chronic active), man 6027.
viruses induced + malnutrition, role-herpes simplex virus infection, measles complications, children, Nigeria 5184.
Immunosuppressive agents,
effects on Junin virus experimental infection, mice 8412.
Immunotherapy,
man, hepatitis B surface antigen positive hepatitis (chronic persistent) 7388.
murine leukaemia virus induced erythroleukaemia, Listeria monocytogenes, mice 5131.
viruses diseases, dogs, review 3571.
Impatiens parviflora,
Czechoslovakia, cucumber mosaic virus characterization/isolation 7500.

IRL©1979

Ina-flacherie virus,
capsid protein, structure/amino acid composition 1404.
DNA, characterization 638.
Inclusion bodies,
differential diagnosis-monkeypox/smallpox/whitepox 2536.
formation, embryo cells, cats 684.
nuclear polyhedrosis virus, characterization/silicon levels 6794.
Inclusions,
adenovirus (human) 5 infection, tumour cells, man 2158.
cytoplasm, morphology, temperature effects on, clover yellow mosaic virus infection, Trifolium hybridum 6129.
electron microscopy, barley yellow dwarf virus infected Bromus sterilis 1300.
electron microscopy, hypochoeris mosaic virus, Nicotiana clevelandii cells 1302.
pathogenesis, Spodoptera litura, nuclear polyhedrosis virus 550.
pinwheel inclusion, structure/association-viruses infection-plants 3349.
plants viruses, review 3928.
ultrastructure, curly top virus infection, Amsinckia douglasiana 6815.
India,
Abutilon infectious variegation virus isolation/identification, Gossypium hirsutum 2047.
arbovirus seroepidemiology, man 428.
arbovirus transmission, role-birds 5256.
beet curly top virus infection, Lycopersicon esculentum/Phaseolus vulgaris 8451.
chilli leaf curl virus transmission, Hemitarsonemus latus, Capsicum annuum 5391.
condyloma acuminatum/herpes genitalis/molluscum contagiosum incidence, relationship-prostitution, man 5237.
dengue virus haemorrhagic fever epidemiology, man 3237.
enterovirus epidemiology, man, review 8281.
enterovirus infection epidemiology, children 5247.
foot-and-mouth disease outbreaks, Bos gaurus 6064.
hepatitis A outbreaks, epidemiology, man 1156.
hepatitis B surface antigen incidence, blood donors/pregnancy, man 4503.
hepatitis B surface antigen subtypes distribution, man 6710.
influenza A virus antibodies incidence, pigs 5324.
peanut mottle virus detection/incidence/transmission, Arachis hypogaea 4582.
poliomyelitis epidemiology, children 426.
poliovirus vaccination status, children 223.
poxvirus infection, symptoms/transmission, goats 3864.
rabies incidence, livestock 3873.
rotavirus antibodies incidence, children/infants 5973.
smallpox, immune status, children 5668.
smallpox association blindness, man 6638.
sorghum red stripe disease virus infection incidence/transmission, Sorghum vulgare 3358.
viruses infection, lymphocytes B/lymphocytes T levels, children 6506.
viruses seroepidemiology, ducks 7435.
India, Bengal,
Japanese encephalitis virus epidemiology/transmission-mosquitoes 7353.
Indians,
Brazil, cytomegalovirus/herpes simplex virus 1/mumps virus/vaccinia virus/variola virus seroepidemiology 8277.
Indoleacetic acid,
effects on peroxidase activity/tobacco mosaic virus infection, Nicotiana tabacum 6805.
levels, tobacco mosaic virus infection hypersensitivity, Nicotiana tabacum leaves 3925.
Indole-3-Acetic acid oxidase,
activity/isoenzymes, Persea americana, sunblotch disease 2034.
Indolmycin,
thiazolinone analogues, antiviral activity 1738.
β-Indolylacetic acid,
effects on phage λ/phage M12 replication, Escherichia coli 4056.
Indomethacin,
effects on interferon induction/antiviral activity/priming activity, L929 cells 1615.
Indonesia,
arbovirus seroepidemiology/vectors incidence 8287.
dengue virus epidemiology/transmission, review 4483.
dengue virus haemorrhagic fever, control/epidemiology, man 8292.
dengue virus haemorrhagic fever epidemiology, man, review 3240.
haemorrhagic fever outbreaks, man, relationship-Aedes aegypti susceptibility dengue virus 2 infection 8293.
Newcastle disease virus isolation, Anas platyrhynchos borneo/Cairina moschata 1206.
INE, USA, Yaquina Bay,
phages ecology 5957.
Infantile gastroenteritis virus,
association gastroenteritis, adults, man, Sweden 3754.
Infants,
adenovirus/myxovirus respiratory tract infection, immunoglobulins levels 1693.
British Isles, viruses incidence, faeces 1135.
condyloma acuminatum transmission/case reports 1806.
cytomegalovirus aetiology, spasms 3171.
cytomegalovirus congenital infection, association-liver calcification 378.
cytomegalovirus epidemiology, man 3785.
cytomegalovirus infection, thymus involvement, case reports 376.
gastroenteritis, association-calicivirus/rotavirus, nosocomial infection 5177.
India, rotavirus antibodies incidence 5973.
Japan, rotavirus association-gastroenteritis 3185.
man, ECHOvirus 11 infection outbreaks/pathogenesis 388.
man, herpes simplex virus encephalitis, effects on future pregnancy 372.
man, respiratory syncytial virus infection, immune response 982.
poliovirus vaccination 3005.
respiratory syncytial virus/influenza A virus infection, interferon response, nasal secretions 900.
risks-herpes simplex virus infection transmission, mouth, maternal, man 6670.
rubella virus seroepidemiology, rubella epidemics, Israel 1903.
USA, Epstein-Barr virus infection, antibody response/clinical manifestations 8213.

Infectious bursitis,
clinical manifestations/transmission, poultry 2686.
diagnosis, immunodiffusion 2250.
epidemiology, chickens, computers models 8376, 8377.
epidemiology/pathogenesis, poultry 2704.

Infectious bursitis,(continued)
outbreaks, chickens 8374.
seroepidemiology, Gallus domesticus/Ploceus cucullatus/ Uraeginthus bengalus, Nigeria 511.
seroepidemiology, poultry, Austria 8375.
Infectious bursitis virus,
antibodies, assays, gel precipitation, standardization 7066.
antibodies, detection, gel precipitation, chickens 4910.
antibodies, detection, neutralization/precipitin test, chickens 4911.
attenuation, passage-chick embryos/embryo fibroblasts-chickens/ducks 596.
effects on Newcastle disease virus infection immune response, chickens 980.
experimental infection, pathogenesis, turkeys 2005.
experimental infection, quail/turkeys 5334.
immunity (passive) transfer, vaccinated chickens/offspring 217.
infection, antibody response, chickens 7991.
infection, antibody response/complement levels/age/lesions, relationship, chickens 7992.
infection, chickens, alfatoxins effects on 5333.
infection, effects on avian infectious bronchitis virus vaccination, chickens 5725.
infection, effects on immunocompetence, chickens 4551.
infection, pathology, role-immune complexes, chickens 7990.
isolation, respiratory tract diseases, turkeys 1955.
maternal transfer antibodies, vaccinated chickens 1649.
replication/plaques formation, embryo fibroblasts, chickens 7538.
seroepidemiology, ducks, India 7435.
strains, use-vaccines, chickens 5017.
vaccination, antibodies, maternal transfer, persistence, chickens 938.
vaccination, maternal antibodies effects on, chickens 5699.
vaccination, recommentdations, poultry 7154.
vaccines, efficacy/transmission (vertical), chickens 5700.
Infectious diseases,
aetiology, application-Koch's postulates, review 2543.
complications, cancer patients 2544.
control/disease spread/incidence, Germany, Fed. Rep. 1887.
dogs, prophylaxis 1990.
epidemiology, review 4458.
epidemiology/importation-tropical environments 419.
epidemiology/surveillance, methodology, review 4459.
man, diagnosis, role-laboratories, review 2532.
man, immune response/pathogenesis, role-complement 2430.
review 352.
Infectious flacherie virus,
infection, Bombyx mori, heat treatment 1274.
Infectious haematopoietic necrosis virus,
susceptibility, Salmo gairdneri, copper effects on 5344.
Infectious mononucleosis,
aetiology, Epstein Barr virus, man 5910.
aetiology/clinical manifestations, man 5912.
antibody response/clinical manifestations/role-Epstein-Barr virus, man 8152.
association-congenital defects, man, case reports 3174.
association-hypersensitivity, skin tests, man 7173.
association-kidney diseases, man, review 1849.
association-scarlet fever, case reports 3175.
association-spleen rupture, case reports 2562.
atypical, clinical manifestations, children 5189.
book 7492.
cells ultrastructure, man 7298.
central nervous system involvement, case reports 1092.
children, Epstein-Barr virus myocarditis, case reports 5909.
clinical manifestations, role-immune complexes, man 5190.
clinical manifestations/complications, man 4419.
complement/immunoglobulins/immune complexes levels/ lymphocytotoxic activity, man 3625.
complications, children, case reports 3747.
complications, spleen rupture, case reports 6633.
complications, thrombocytopenia, case reports 6634.
concurrent-hepatitis B/malaria, man, case reports 417.
diagnosis, Epstein-Barr virus antibodies levels, man 2435.
diagnosis, man 3157.
diagnosis, role-Epstein-Barr virus antibodies, man 5032.
diagnosis/symptoms, man 3745.
diagnosis/symptoms/treatment, man 5911.
effects on leucocytes/lymphocytes levels/reactivity, man 8217.
effects on phenytoin pharmacokinetics, man 6632.
Epstein-Barr virus aetiology 7261.
Epstein-Barr virus antibodies levels, man 5035.
Epstein-Barr virus antibody-dependent cell-mediated cytotoxicity, antibody response kinetics, man 7982.
Epstein-Barr virus antigens detection, lymphocytes, man 262.
Epstein-Barr virus capsid antigen antibodies levels, man 6517.
geriatrics, case reviews 380.
heterophilic antibody response, children 7986.
immune complexes characterization/detection, man 5033.
immune response (cell-mediated)-Epstein-Barr virus, relationship-symptoms, man 3075.
immune response/serum proteins levels, man 7985.
immunoglobulin E levels, man 3074.
immunological aspects, man, review 7174.
incidence, jaundice, man, Ghana 2614.
lymphoblastoid cell lines derived from, Epstein-Barr virus circular DNA, size 3396.
lymphocytes T cytotoxicity, Epstein-Barr virus, man 5030.
lymphocytes T levels/subpopulations characterization, man 6514.
man, lymphocytes B/lymphocytes T histocompatibility antigen HLA antigenic determinants 5034.
man, plaque-forming cells response-Epstein-Barr virus 7172.
man, review 7984, 8214, 8215.
neurological complications, man, case reports 3746, 5191.
neurological complications/psychiatric complications, man, case reports 379.
patients, Epstein-Barr virus specific killer cells detection 6516.
presentation-adenovirus (human) infection, man 7971.
presentation-adenovirus (human) 7 infection, man, case reports 3164, 5889.
psychological aspects, man 2561.
relationship-BCG vaccination, man 3744.
role-Epstein-Barr virus, man, Africa/Papua New Guinea 5851.
seizures, incidence, man 8216.
treatment, ampicillin, antibodies levels/complications, man 5289.
treatment, ampicillin, skin complications, man 2563.
Infectious pancreatic necrosis virus,
asymptmatic infection, Salmo gaerdneri 3308.
defective interfering particles, persistent infection, embryo cells, salmon, dependence-interferon, absence 6172.
defective-interfering particles, production, correlation-plaques properties, embryo cells, salmon 1336.
detection, immunoperoxidase test, in vitro 4216.
infection, control/pathology, Salmo gairdneri/Salvelinus fontinalis 6053.
Infertility,
association-enterovirus (bovine) 1, cattle 6052.

IRL©1979

Inflammation,
response, ferrets, influenza A virus infection 1264.
Influenza,
association-melioidosis activation, military personnel, Viet Nam, case reports 2586.
association-myocardial infarction, man 3198.
association-pericarditis, man, case reports 5206.
chemotherapy, man, review 3645.
clinical manifestations/complications/treatment, man 4434.
diagnosis, immunofluorescence/immunoperoxidase test 3524.
discussion 5987.
epidemics, adolescents, man, Republic of South Africa 2633.
epidemics, man, Australia 1148.
epidemics, man, South Africa 3768.
epidemics, predictions/surveillance, methodology 7358.
epidemics, review 2632.
epidemiology 436.
epidemiology, man, German Dem. Rep./USSR 5262.
epidemiology, man, review 2631.
epidemiology, man, role-birds 8386.
epidemiology/surveillance 435, 6692.
epidemiology/surveillance, man, review 8304.
immunity, detection, lymphocytes blast cells transformation, man 3089.
interferon/antiviral agents efficacy 1634.
man, adrenal gland function 6649.
man, diagnosis 1063.
mice, 5-hydroxytryptamaine levels, tryptamine (2-methyl)/tryptophan (5-hydroxy) effects on 3321.
mice, radiation (u.v.) treated influenza virus effects on 2732.
Mustela putoris furo 6736.
outbreaks, clinical manifestations/complications, children, case reports 3199.
outbreaks, clinical manifestations/epidemiology, horses, France 6079.
outbreaks, epidemiology/surveillance/viruses characterization, man, Israel 6690.
outbreaks, horses 6080.
outbreaks, man, Romania, role-influenza A virus 6695.
outbreaks, pathology, horses juveniles 7412.
pneumopathy, diagnosis/incidence/pathology, man 2588.
prophylaxis, man, review 8336.
prophylaxis, vaccination, man, USA, review 2371.
relationship-absenteeism, man, Italy 1112.
surveillance, use-mortality levels, man, Taiwan 3247.
treatment, amantidine, man 5062.
treatment, isoprinosine, man, clinical trials 1939.
treatment, ribavirin, children 3837.
vaccination, efficacy, horses 5708.
Influenza A,
antiviral activity detection, serum, man 7183.
association-orbital cellulitis, case reports 399.
clinical manifestations/differential diagnosis-influenza B, man 7314.
clinical manifestations/prognosis, children 1869.
concurrent-pneumonia, clinical manifestations/pathology, man 5932.
diagnosis, haemolysis (radial), comparison-complement fixation/haemagglutination inhibition 3525.
epidemics, man, German Fed. Rep. 3245.
epidemics, man, USA, Tennessee, review 3822.
epidemics, viruses characterization, man, Italy 7360.
epidemiology, children, USA 5985.
epidemiology, man, German-Dem. Rep. 6691.
epidemiology, man, Germany, Fed.Rep. 5989.
experimental infection/natural infection, clinical manifestations, man 6652.
interferon levels, serum, man 4263.
isolation, pigs, Italy 6040.
outbreaks, age distribution/immunity, man 5263.
outbreaks, association-pneumonia, bacteria aetiology, man 6651.
outbreaks, diagnosis/epidemiology, pigs, Italy 6076.
outbreaks, epidemiology, children, institutions 3819.
outbreaks, epidemiology/clinical manifestations/viruses characterization, man, USA, New Jersey 3246.
outbreaks, immune response/epidemiology, man, New Zealand 437.
outbreaks, man, USSR, viruses antigenic characteristics 4944.
outbreaks, viruses characterization, man, USSR 7361, 7362.
outbreaks, viruses haemagglutinin characterization/isolation, man 6458.
outbreaks/prophylaxis, geriatrics, hospitals 7363.
prophylaxis, amantadine hydrochloride, man 6014.
prophylaxis/treatment, amantadine 3268.
role-respiratory tract infection, man 5175.
role-sudden infant death syndrome, man 5171.
susceptibility, role-immune response (cell-mediated)/immune response (humoral), man 5052.
treatment, amantadine 2667.
Influenza A virus,
adsorption, effects on membranes microviscosity, in vitro 3439.
adsorption-Streptococcus viridans 682.
aetiology, pericarditis, haemodialysis patients 6650.
aetiology, sinusitis, man 6643.
amantadine resistance genes, identification-M protein genes 1542.
amantadine resistant mutant x fowl plague virus hybrids, adaptation-chick embryos 7558.
antibodies, affinity/levels, relationship-haemagglutination inhibition 5053.
antibodies, antiviral activity/detection-colostrum, man 4322.
antibodies, detection, haemagglutination inhibition/haemagglutination (passive)/immunofluorescence 4227.
antibodies, detection, haemolysis (radial) 192.
antibodies, detection, haemolysis-in-gel, erythrocytes cryopreservation 6425.
antibodies, enzyme-linked immunosorbent assay, comparison-haemagglutination inhibition 4225.
antibodies, levels, children 6668.
antibodies, levels, commercial preparations, immunoglobulins, man 4212.
antibodies, radioimmunoassay, precipitation 2271.
antibodies incidence, man, Zambia 1132.
antibodies incidence, man/horses/pigs, Romania 5988.
antibodies incidence, pigs, India 5324.
antibodies incidence/persistence, man, Gambia 1150.
antibodies levels, relationship-infection rate, man 192.
antibody response, relationship-administration routes, mice 4562.
antigenic characteristics, China 4945.
antigenic characteristics, comparison, isolates, man/pigs 7885.
antigenic characteristics/antigenic drift, strains, Taiwan 6452.
antigenic characteristics/isolation, ducks, Hong Kong 3545.
antigenic drift, review 2296.
antigenic drift/antigenic variation, mechanisms/role-epidemiology 2297.
antigenic drift/haemagglutinin changes 5629.
antigenic drift/vaccines recommendations, man 3044.
antigenic relationship, epidemics strains 885.
antigens, typing, haemagglutination inhibition 7091.

Influenza A virus,(continued)
antiviral activity, bonaphthone/oxolin/phlorenal/rimantadine 5066.
antiviral activity, media (culture derived from Bifidobacterium bifidum/Lactobacillus acidophilus/ Streptococcus faecalis 5075.
antiviral activity, ribavirin phosphate derivatives 997.
assays, immunodiffusion, methodology 7078.
associated DNA sequences 781.
attenuated vaccines, screening, trachea organ culture, ferrets 6494.
bronchopneumonia, man, case reports 2589.
budding, epithelium cell culture 4851.
capsids, association-chromatin, infected cells 6275.
characterization/isolation, ducks, Hong Kong 6078.
clones, persistence, respiratory tract organ culture, ferrets, pyrexia effects on 1350.
combined vaccines-influenza B virus, efficacy, man, clinical trials 6489.
cytotoxic lymphocytes T specificity, man 5740.
envelopes glycoprotein biosynthesis, nonpermissive infection, in vitro 2905.
epidemics, surveillance, man 6693.

epidemics, USSR, strains characterization 3820.

epidemics/seroepidemiology, man, Italy 3248.
epidemiology, review 1906.
epidemiology/isolates characterization, Italy 8308.
experimental infection, treatment, ribavirin/rimantidine, mice 6107.
genes epidemiology, man/animals, hypothesis 1149.
glycopeptides/haemagglutinin/neuraminidase/infectivity, growth-chick embryos/kidney cells-man/cattle effects on 5434.
glycoproteins, genes characterization 4191.
glycoproteins, oligosaccharides-proteins linkage characterization 7623.
haemagglutinin, antibodies, induction/specificity, infection/ vaccination, man 7186.
haemagglutinin, antigenic determinants/antigenicity 3546.
haemagglutinin, antigenic determinants analysis 3556.
haemagglutinin, antigenic variants, characterization, in vitro 887.
haemagglutinin, biosynthesis/glycosylation/insertion-membranes, in vitro 7013.
haemagglutinin, erythrocytes receptors, role-sialic acid 6459.
haemagglutinin, hosts antigens identification 1590.
haemagglutinin, light chains, cyanogen bromide peptides, amino acid sequence 4024.
haemagglutinin, lymphocytes T cytotoxicity, role-histocompatibility antigen H-2/specificity, in vitro 7187.
haemagglutinin, mutants, review 3560.
haemagglutinin, peptide mapping 3411.
haemagglutinin, polypeptides structure 3410.
haemagglutinin, radioimmunoassay, use-Staphylococcus aureus 7077.
haemagglutinin, structure 3408.
haemagglutinin, structure, relationship-antigenic drift 3559.
haemagglutinin antigenic characteristics, isolated-birds 7093.
haemagglutinin antigenic determinants 205.
haemagglutinin glycopeptides antigenicity, rabbits 7099.
haemagglutinin glycoproteins oligosaccharides, characterization, variation-strains/cells 7100.
haemagglutinin/membranes proteins/nucleoproteins, comparison-strains 5471.
haemagglutinin/neuraminidase antigenic characteristics, kidney/lung cell culture persistent infection, man 4954.
haemagglutinin polypeptides, antibodies, detection, convalescence serum, man 6534.
haemagglutinin polypeptides, antigenic characteristics 1591.
haemagglutinin spikes, spectroscopy (photon correlation) measurements 2303.
haemagglutinins, amino acid sequence, light chain, cyanogen bromide peptides 7098.
haemagglutinins, glycopeptides characterization/purification 2969.
haemagglutinins, N-terminus cyanogen bromide peptides, antigenic determinants 4955.
hosts antigens incorporation 3422.
immune status/seroepidemiology, man, Germany, Fed. Rep. 8307.
immunization, immune response (cell-mediated), rabbits 1719.
inactivated vaccines, efficacy, man 2401.
induced chromosome aberrations, spermatocytes, mice 6106.
induced pyrexia, maternal, effects on embryos development, rabbits 7453.
infected cell culture, RNA polymerase (RNA-dependent) induction/polyribosomes formation, ribavirin effects on 2906.
infected cells, lymphocytes T cytotoxicity, membranes antigens, mice 8009.
infected mastocytoma cells, surface, haemagglutinin/matrix protein measurement 5630.
infected MDCK cells, RNA biosynthesis, inhibition-ribavirin, mechanisms/specificity 7202.
infection, antibodies levels, respiratory tract secretions/ serum, pigs 2437.
infection, cell culture, erythrocytes/Streptococcus adherence 6882.
infection, cell culture/trachea organ culture-ferrets, antiviral activity, amantadine/cyclooctylamine/ribavirin/ spiroamantadine 989.
infection, chick embryos, effects on ribosomes, chorioallantoic membranes 5544.
infection, clinical manifestations, children 4435.
infection, cytopathogenesis/ultrastructure, trachea organ culture, ducks 1349.
infection, immune response (cell-mediated), mice 974.
infection, immune response (cell-mediated), mice, relationship-histocompatibility antigen H-2 1718.
infection, immune response, ferrets 976.
infection, immune response kinetics, pigs 2443.
infection, immunoglobulin G/immunoglobulin M levels, man 3633.
infection, immunosuppression, role-macrophages, man 3092.
infection, inflammation response, ferrets 1264.
infection, interferon response, nasal secretions, infants 900.
infection, lymphocytes T response, kinetics/specificity, mice 3632.
infection, man, case reports 3200.
infection, matrix protein antibodies formation, man 3093.
infection, monoclonal antibody response, lymphocytes B precursors specificity, mice 273.
infection, neonates, rats, attenuation markers-man 1265.
infection, pathology, respiratory tract, ferrets, electron microscopy (scanning)/electron microscopy (transmission) 2015.
infection, resistance, role-antibody response/hypersensitivity (delayed), guinea-pigs 5346.
infection, respiratory tract complications/pathogenesis, treatment, amantadine, man 1870.
infection, susceptibility, lung cell lines, Mustela putorius adults/neonates 7548.
infection, trachea, immune response, rabbits 1720.

IRL©1979

Influenza A virus,(continued)
infection, treatment, amantadine hydrochloride aerosols, mice 6781.
infection/replication-gastrointestinal tract, ducks 2014.
interaction-macrophages, mice, in vitro 3634.
interaction-plasma membranes, role-proteolysis 4064.
isolates, Balaenopteridae/man, haemagglutinin/neuraminidase comparison 4953.
isolates, haemagglutinin/neuraminidase antigenic characteristics, comparison 7891.
isolation, Anas platyrhynchos, Czechoslovakia 1234.
isolation, lakes 6696.
isolation, Melosittacus undulatus, Japan 7432.
isolation-ducks, Japan 7433.
isolation-embryos, Larus ridibundus 6077.
live vaccines, vaccination, immune response, man 6493.
matrix protein, characterization, enzyme immunoassay 2806.
matrix protein, RNA N-terminus coding region, nucleotide sequence 7601.
matrix protein isolation/preparation, methodology 2077.
membrane proteins, cyanogen bromide peptides amino acid sequence 7624.
mixed infection-Haemophilus influenzae/Klebsiella pneumoniae, susceptibility, cigarette smoke effects on, mice 5323.
mutagenesis-mice 5348.
neuraminidase, antigenic drift detection, methodology 5615.
neuraminidase/haemagglutinin, immune response (cell-mediated), man 2302.
neuraminidase subtypes, detection, methodology 4250.
nucleoproteins, antigenic characteristics/antigenic drift 4946.
protein biosynthesis, control, infected embryo cells, chickens 6362.
protein biosynthesis, embryo cells, chickens, actinomycin D effects on 3474.
protein biosynthesis, embryo fibroblasts, chickens, rimantadine effects on 5543.
proteins, characterization 1399.
proteins, electrophoretic mobility, comparison-strains 1400.
purification, ultracentrifugation 3374.
recombinants, characterization/isolation 2233.
recombinants, genes organization 6389.
recombinants, genomes RNA, analysis 1379.
recombinants, identification-heterozygotes 827.
recombinants, isolation following mixed infection, man 7824.
recombinants, nuerovirulence, mice, in vitro/in vivo 6782.
recombinants, replication, diploids fibroblasts/embryo fibroblasts, man 7767.
recombinants, vaccines development/clinical trials, man 4279.
recombinants, virulence, man/Mustela putorius 7825.
recombinants-fowl plague virus, genetic analysis 6387.
replication, in vitro, inhibition, rimantadine hydrochloride 3430.
replication, inhibition, rimantidine, in vitro, mechanisms 5507.
respiratory tract infection, epidemiology, children, British Isles 1133.
respiratory tract infection, man, South Africa 5961.
review 7640.
ribonucleoproteins, association-chromatin, infected cells 6276.
ribonucleoproteins assembly, inhibition, canavanine 4852.
RNA biosynthesis, initiation, role-protein P1 3475.
RNA biosynthesis/protein biosynthesis/infection-cell culture/chick embryos/mice, virucidal activity/antiviral activity/interferon inductionflorenal 1736.
role-influenza outbreaks, man, Romania 6695.
role-myocarditis, man 364.
seroepidemiology, aquatic birds, USA, Oklahoma 7419.
seroepidemiology, children, Kenya 6694.
seroepidemiology, man, Brazil, Sao Paulo 3818.
seroepidemiology, man, Germany, Fed. Rep. 8305.
seroepidemiology, man, Italy 3821.
seroepidemiology, man, Mali 439.
seroepidemiology, pigs, Japan 3876.
sorption activity, cation-exchange capacity resins 7639.
split vaccines/whole vaccines vaccination, influenza A virus haemagglutinin antibody response, man 975.
strains, antibodies age distribution/incidence, man, Italy 7359.
strains, antigenic characteristics/epidemiology/genetics 7886.
strains, antigenic characteristics/genetic markers 4886.
strains, antigenic characteristics/hemagglutinin antibodies characterization 886.
strains, antigenic variants, epidemiology, man, USA, California/USA, Washington 1151.
strains, distribution, pigs, Asia 6761.
strains, haemagglutinin, antigenic relationship 7892.
strains, haemagglutinin, peptide mapping 3409.
strains, haemagglutinin typing, haemolysis 7076.
strains, isolation/haemagglutinin + neuramnidase characterization, turkeys, British Isles 5631.
strains, pathogenicity-chickens/ducks/turkeys 1266.
strains, proteins/RNA comparion 7092.
strains, RNA, nucleotide sequence, comparison 6920.
strains, RNA structure, comparison 6919.
strains, seroepidemiology, man, USSR 5984.
susceptibility, age/sex effects on, man 8306.
susceptibility, radiation (X) treated mice 6108.
swine influenza, seroepidemiology, man, Japan 1152.
temperature sensitive mutant, antigenicity/use-vaccines, man 5684.
temperature-sensitive mutant, complementation/recombination-fowl plague virus temperature-sensitive mutant, nonpermissive infection 6390.
temperature-sensitive mutant, recombinants, use-vaccines, man 5683.
temperature-sensitive mutant/wild type, phenotypes, comparison-RNA polymerase 7768.
transmission, air, reduction, aerosols 438.
uncoating, inhibition, rimantadine 6960.
vaccination, antibody response, cancer patients 4278.
vaccination, antibody response/reactogenicity, kidney diseases, children 2398.
vaccination, antigens detection-leucocytes, man 925.
vaccination, complications, man, Canada 926.
vaccination, effects on polyoma virus oncogenicity, rats 1003.
vaccination, efficacy, immunosuppression effects on, children 2400.
vaccination, efficacy, lymphoproliferative diseases chemotherapy effects on, man 7142.
vaccination, efficacy, man, USA 6498.
vaccination, efficacy/recommendations, haemodialysis patients 3046.
vaccination, efficacy/safety, haemodialysis/kidney transplantation patients 7949.
vaccination, heterologous viruses, efficacy, man/hamsters 4999.
vaccination, immune response, cancer patients 2399.
vaccination, immune response, circulatory system/heart/kidney diseases effects on, man 6491.
vaccination, immune response, systemic lupus erythematosus, man 235.
vaccination, immunoglobulin A levels, nasal secretions/serum, man 5685.

Influenza A virus,(continued)
vaccination, relationship-swine influenza epidemiology, man, USA, Michigan 3045.
vaccination, side effects/efficacy 6496.
vaccination efficacy, systemic lupus erythematosus, man 232, 233, 234.
vaccination programmes, efficacy, man, USA, Delaware 3595.
vaccines, antibody response, comparison, man 6497.
vaccines, antibody response, hamsters/mice/rabbits/guinea-pigs 924.
vaccines, antibody response, man 7144.
vaccines, antibody response/immunogenicity, man 7143.
vaccines, antigenicity/reactogenicity, children 7145.
vaccines, comparison, antigenicity/efficacy/safety, man 3597.
vaccines, cross-protection, mice 920.
vaccines, efficacy, man 3596, 6495.
vaccines, efficacy/safety, man 1673.
vaccines, immunogenicity, comparison-efficacy, man 1672.
virulent/attenuated, yield, nasal turbinates organ culture, ferrets 15.
whole vaccines/split vaccines vaccination, antibody response, man 927.
Influenza B,
antiviral activity detection, serum, man 7183.
association-Streptococcus pneumonia, man 6653.
clinical manifestations/differential diagnosis-influenza A, man 7314.
economic aspects/epidemiology/symptoms, man 7364.
epidemiology, children, USA 5985.
epidemiology, man, German Dem. Rep. 6691.
interferon levels, serum, man 4263.
Influenza B virus,
antibodies, antiviral activity/detection-colostrum, man 4322.
antibodies, enzyme-linked immunosorbent assay, comparison-haemagglutination inhibition 4225.
antibodies, levels, children 6668.
antibodies, levels, commercial preparations, immun°oglobulins, man 4212.
antibodies incidence, man, Zambia 1132.
antiviral activity, ribavirin phosphate derivatives 997.
combined vaccines-influenza A virus, efficacy, man, clinical trials 6489.
induced surface antigen, antibodies induced redistribution, MDCK cells, immunoelectron microscopy 4244.
neuraxitis, clinical manifestations/epidemiology, man, Italy 1104.
purification, centrifugation 5406.
recombinants characterization 179.
RNA, gene mapping 2788.
role-myocarditis, man 364.
seroepidemiology, children, Kenya 6694.
seroepidemiology, man, Germany, Fed. Rep. 8305.
seroepidemiology, man, USSR 5984.
strains, antigenic relationship 7094.
vaccination, antibody response, cancer patients 4278.
Influenza C virus,
antigenic relationship-strains 2298.
growth, kidney embryo cells, chickens 2770.
plaque assay/replication, kidney cell culture, chickens 5435.
replication, kidney cells, monkey 6179.
virions, carbohydrates components, characterization 4722.
Influenza virus,
acute infection/chronic infection, in vitro, role-cells organelles 4729.
aetiology, heart diseases, man 5887.
aetiology, vulvovaginitis, children 6623.
amantadine sensitivity, relationship-matrix protein gene 3499.
antibodies, detection, immunodiffusion, birds, methodology 4226.
antibodies, enzyme-linked immunosorbent assay 5614.
antibodies levels, glomerulonephritis/systemic lupus erythematosus patients 403.
antibodies specificity/immunoglobulin G secreting lymphocytes B detection, mice 2442.
antibody response, vaccines comparison, man 5001.
antigenic characteristics/biological properties, sonication effects on 4243.
antigenic variation, passage, immunization (passive)-chick embryos 2295.
antigenic variations/epidemiology/replication 2294.
antigens, detection, enzyme immunoassay 3523.
antigens, induction-cytotoxic lymphocytes T 2439.
antiviral activity, ammonium quaternary compounds/disinfectants 991.
antiviral activity, ammonium quaternary compounds 5063.
antiviral activity, carboxylic acids amides derivatives 8023.
antiviral activity, carminomycin 7198.
antiviral activity, cationic surfactants/cationogenic surfacfants 999.
antiviral activity, isoprinosine 8029.
antiviral activity, isoquinoline 7197.
association-listeriosis, foetuses/neonates, man 8188.
attenuated, growth, trachea organ culture, hamsters 4631.
attenuated, infection, hamsters susceptibility 5347.
attenuation, infection-rats infants 6104.
autointerference, detection, plaques formation 2099.
bronchiolitis, aetiology/symptoms/treatment, man, review 3733.
complementary RNA, transfer-globin mRNA 5′-terminus caps, during transcription 4833.
defective-interfering particles, characterization/production, MDBK cells 5433.
defective-interfering particles, RNA, characterization 1378.
defective-interfering particles, RNA, nucleotide sequence mapping 7600.
defective-interfering particles derived from temperature-sensitive mutant, homologous interference 1431.
ecology, experimental/natural 2630.
effects on platelets aggregation/survival, rabbits 1267.
epidemiology/vaccination recommendations, man 2634.
genes, distribution/evolution 4491.
genetics, review 2232.
genomes, segments, size determination 4684.
genomes associated DNA sequence 6918.
glycoproteins, glycosylation, glucosamine effects on, embryo fibroblasts, chickens 6360.
glycoproteins, oligosaccharides biosynthesis 4832.
haemagglutinin, antigenic determinants 7884.
haemagglutinin, binding-antibodies, electron microscopy 3550.
haemagglutinin, book 3943.
haemagglutinin, carbohydrates side chains, biosynthesis/structure 3473.
haemagglutinin, membrane-bound fragments, characterization/isolation 3555.
haemagglutinin, mutants, antigenicity/biological properties 3553.
haemagglutinin, physical properties, c.d./X-ray diffraction 3554.
haemagglutinin, radioimmunoassay 1573.
haemagglutinin, structure, relationship-pathogenicity 5637.
haemagglutinin proteolysis, relationship-infectivity 3437.
haemagglutinins glycopeptides, antibodies binding sites,

IRL©1979

nfluenza virus,(continued)
characterization/kinetics 2968.
mmune complexes detection/localization, infected/vaccinated mice 6780.
mmunization (passive), cytotoxic lymphocytes T transfer, mice 3573.
nactivated vaccines, polymethylmethacrylate adjuvants, efficacy, mice 928.
nactivated vaccines, production/administration, Romania 921.
nfected cells, lymphocytes T cytotoxicity, histocompatibility antigen HLA effects on, man 3631.
nfected cells, lymphocytes T cytotoxicity, role-histocompatibility gene HLA, man 7184.
nfected chorioallantoic membrane, ribosomes, ammonium chloride/potassium chloride/puromycin effects on 6359.
nfected kidney cells, rabbits, adherence-Staphylococcus aureus, role-protein A 2100.
nfected target cells, histocompatibility antigen H-2 different, lysis, alloreactivity depleted lymphocytes T 272.
nfection + aspirin intoxication, effects on liver enzymes/histology, Mustela putorius 5345.
nfection, antibody response, ferrets 972.
nfection, antibody response/immune response (cell-mediated), hamsters 6532.
nfection, antibody response/lymphocytes T cytotoxicity, mice 7185.
nfection, associated immunosuppression, mice 8007.
nfection, association-wheezing, children 2594.
nfection, effects on cerium lung retention/survival, mice 3899.
nfection, epidemiology/transmission/control/vaccination/pathology, man, review 4492.
nfection, immune response, man 2441.
nfection, immune response, mice, complement deficiency effects on 3091.
nfection, immune response, mice, role-cytotoxic lymphocytes T 4323.
nfection, immunity (cell-mediated), lymphocytes T, mice 973.
nfection, immunity (cell-mediated), mice 2440.
nfection, immunity, rats, role-secretory immunoglobulin A, respiratory tract cells 5051.
nfection, interferon response, children 901.
nfection, kidney cells, chickens, AMP (dibutyryl cyclic), effects on 6178.
nfection, leucocytes cytotoxicity/levels, lung, mice 3090.
nfection, lymphocytes B/lymphocytes T ratio, mice 8008.
nfection, man/animals, review 5986.
nfection, mice, antiviral activity, amines (trihalogenomethyl) 990.
nfection, mice, interferon producing lymphocytes characterization, in vitro 3569.
nfection, resistance, mice, role-interferon 7118.
nfection, synergism-carcinogens, pathogenesis, lung tumours, man 5858.
nfection, treatment, transfer factor, mice 6105.
nfections, maternal, during pregnancy, role-infants mortality, man 6615.
nhibitors, characterization/specificity, serum, man/guinea-pigs 8037.
nteraction-erythrocytes/hosts cells 3438.
nteraction-lung macrophages, mice, in vitro 6881.
solation, chickens/ducks, Belgium 7431.
solation, use-MDCK cells 4624.
ymphocytes T cytotoxicity, histocompatibility antigen HLA recognition, man 8005.
ymphocytes T immune response, role-histocompatibility antigen H-2, mice 5741.
maturation, restriction, comparison-HeLa cells/MDBK cells 4850.
neuraminidase/haemagglutinin structure/function, review 1603.
penetration, chorioallantoic membrane cells/embryo fibroblasts, chickens, mechanisms 6280.
perinatal infection, clinical aspects, man 3732.
persistent infection, tumour cells, athymic nude mouse, immune response 8006.
proteins, charge heterogeneity, comparison-Sendai virus/vesicular stomatitis virus 1398.
purification, chromatography (affinity) 5409.
radiation (u.v.) treated, effects on influenza, mice 2732.
replication, chick embryos chorioallantoic fluid, rabbits/rats ceruloplasmin effects on 2773.
replication, synchronous embryo fibroblasts, chickens 4730.
replication in vitro, inhibition, ε-aminocaproic acid 289.
respiratory tract infection, incidence, horses, Canada 6047.
respiratory tract infection aetiology, horses 6048.
ribonucleoproteins characterization, infected cells 1513.
RNA, capping/methylation, mechanisms, in vitro 1512.
RNA, free/ribonucleoproteins, secondary structure 6219.
RNA, gene mapping/mutants/variation, review 5577.
RNA, inactivation, radiation (u.v.) 7766.
RNA, polyadenylation/reverse transcription 4834.
RNA, transcription products, accumulation, nuclei, MDCK cells, antibiotics effects on 4145.
RNA polymerase, properties 6361.
RNA structure/genetic analysis, review 2130.
mRNA transcription, radiation (u.v.) effects on 7765.
seroepidemiology, animals (wild)/animals (domestic) 1233.
seroepidemiology, horses, Japan 1232.
seroepidemiology, man, France 5238.
strains, antigens, cross-reactivity 4943.
strains, genetic relationship/haemagglutinin N-terminus RNA nucleotide sequence 3400.
strains, haemagglutinin coding RNA, genetic relationship 3558.
synthetic vaccines development 3594.
taxonomy 7495.
temperature-sensitive mutant, production conditions 178.
temperature-sensitive mutant, use-vaccines, man 5681.
transformation-lymphocytes, Down's syndrome, children 3066.
vaccination, aerosols, man 2396, 2397.
vaccination, aerosols/intranasal, antibody response, man 4995.
vaccination, antibody response, cancer patients 4277.
vaccination, antibody response, chronic kidney diseases patients 4997.
vaccination, antibody response, man 1671.
vaccination, antibody response, nasal secretions/serum, inoculation routes effects on, man 5680.
vaccination, association-Guillain-Barre syndrome, man 6490.
vaccination, autoantibodies levels, serum, man 7141.
vaccination, complications, optic neuritis, case reports 7139.
vaccination, effects on lipids levels, serum, man 3042.
vaccination, efficacy/recommendations, children 3593.
vaccination, efficacy/safety, systemic lupus erythematosus 2393.
vaccination, efficacy/side effects, man 7947.
vaccination, Guillain-Barre syndrome following, man, case reports 2587.
vaccination, hypersensitiyity (delayed) response, relationship-immunity (cell-mediated), aged man 6533.
vaccination, lung complications, man, case reports 3592.

Influenza virus,(continued)
vaccination, man, economic aspects, USA 7140.
vaccination, man, review 3040.
vaccination, man, social aspects, USA 7945.
vaccination, meningoencephalitis complications, man 2394.
vaccination, neurological complications, man, case reports 6488.
vaccination, recommendations, eczema, children 5686.
vaccination, recommendations, horses 7159.
vaccination, recommendations, man 2392, 3043.
vaccination, recommendations, man, USA 4998.
vaccination efficacy/recommendations, kidney diseases, man 3041.
vaccination failure, correlation-lymphocytes B function/levels, geriatrics 3037.
vaccination programmes, USA 922.
vaccines, administration programmes, man, German Dem. Rep. 1669.
vaccines, antibody response/efficacy, man 3590.
vaccines, association-mercury hypersensitivity, man 6492.
vaccines, complete/subunits, antigenicity, mice 3898.
vaccines, development/recommendations, man 3591.
vaccines, effects on respiratory tract function, man 7946.
vaccines, efficacy, children 4996.
vaccines, efficacy, man 923, 2389, 2390.
vaccines, efficacy, man, clinical trials 5682.
vaccines, efficacy, man, review 2391.
vaccines, efficacy/recommendations, man 3038.
vaccines, efficacy/safety, man 6499, 7948.
vaccines, recommendations 3039.
vaccines, recommendations, man 1670.
vaccines, recommendations, vaccines 5000.
vaccines efficacy, follow-up, man 2395.
vaccines recommendations, man 2375.
viability, freeze-drying effects on 3957.
von Magnus particles, RNA, origin 4001.
Influenza virus (avian),
vaccination, chickens/turkeys 7158.
Inheritance,
African cassava mosaic disease virus resistance, association-cassava blight resistance, Manihot glaziovii 2744.
Inhibitors,
lymphocytes transformation, detection/relationship-prognosis, hepatitis, man 4327.
Initiation complex,
formation, HeLa cells, inhibition-poliovirus infection 6288.
Initiation factors,
inhibitors, induction-interferon 1631.
phosphorylation, human amnion cells, interferon effects on 4257.
phosphorylation, L929 cells, interferon effects on 4960.
role phage MS2 RNA translation, in vitro 4756.
Inoculation route,
correlation-pathogenicity, haemagglutinating encephalomyelitis virus, pigs 2010.
Inosiplex,
treatment herpes zoster, cancer patients, clinical trials 1172.
Insecticides,
prophylaxis-rice tungro virus transmission, Nephotettix virescens, Oryza sativa 8464.
Insects,
baculovirus penetration/release/replication, electron microscopy 4731.
biological control, review, insects 8422.
biological control, use-viruses 4567.
mixed infection, viruses distribution/interference 6112.
Insertion sequence 2,
insertion-phage Mu-1, chromosomes rearrangement 4865.
Insertion sequences,
recombinants-phage Mu, DNA, electron microscopy 810.
Institutions,
mental retardation, hepatitis A virus antibodies incidence, man 1912.
USA, Pennsylvania, enterovirus infection, children 5969.
Insulin,
effects on Rous sarcoma virus replication, chickens/mice/rats cell lines 5504.
inhibition-DNA biosynthesis, herpes simplex virus transformed lymphoblastoid cell lines 4351.
levels, serum, hepatitis (acute), man 4448.
Insulitis,
associated-A-type virus/C-type virus induction, streptozotocin, mice 2729.
associated-coxsackievirus B4 infection, mice 3890.
Integration,
phage λ, role-superhelical DNA 162.
Interference,
homologous, influenza virus defective-interfering particles derived from temperature-sensitive mutant 1431.
lymphocytic choriomeningitis virus infection, tick-borne encephalitis virus, interference/L cells-embryo cells 2098.
Interferon,
absence, induction antiviral state, mechanisms 2304.
activation-macrophages, inhibition-hydrocortisone/prostaglandins, mice 7914.
activity, chemicals/enzymes modification effects on 1611.
activity, kinetics, embryo fibroblasts, chickens 2335.
activity, role-ribonuclease F, L cells 2974.
activity, temperature effects on 208.
activity/function, mechanisms, review 2972.
activity/induction, measles virus infected lymphoblastoid cell lines, man 1618.
analysis, mRNA 5638.
antigenicity, review 2312.
antitumour activity, in vivo/inhibition 7896.
antitumour activity, isoprinosine effects on, mice 7917.
antitumour activity, mechanisms, mice 2355.
antitumour activity, mechanisms, mice, review 2356.
antitumour activity, review 4958.
antitumour activity, tumours, mice 3568.
antitumour activity/antiviral activity/production/purification/clinical trials, man, conference 8465.
antiviral activity, enhancement, AMP (cyclic) 6461.
antiviral activity, mechanisms, review 2329, 2339.
antiviral activity, passive transfer, in vitro 1632.
antiviral activity, potentiation, carriage-liposomes, mouse hepatitis virus 3 infected mice 2362.
antiviral activity, role-cell membranes receptors 1607.
antiviral activity, role-cell surface binding, review 2331.
antiviral activity, role-effects on cell surface 1625.
antiviral activity, role-interaction-cell surface, review 2332.
antiviral activity, separation-effects on cells 2307.
antiviral activity, studies, use-antisera 7894.
antiviral activity, vaccinia virus, role-hosts, Macaca mulatta 5654.
antiviral activity/induction/role-immune response regulation/antitumour activity, review 2309.
assays, comparison/review 2322, 2323.
assays, review 2321.
associated double-stranded RNA dependent enzymes activity, 3T6 cells mutants 209.
biological properties, in vitro, cell density effects on 5643.
biological properties/production/treatment-diseases, man,

IRL©1979

Interferon,(continued)
review 5647.
biosynthesis, absence, lung cell lines, man 7107.
biosynthesis, regulation, role-antiviral state/cytotoxicity, Ehrlich ascites tumour cells 4971.
biosynthesis/characterization, fibroblasts, man, variation-inducers 6468.
book 7487.
characterization/isolation, Ehrlich ascites tumour cells, mice 7101.
characterization/purification, leucocytes, man 3564.
chemical properties, review 2325.
chickens/mice, isoelectric focusing 4957.
chromatography (affinity) 1606.
combination-secretory immunoglobulin A, treatment-herpes simplex virus keratitis, man 1638.
combination-thymidine (trifluoro), treatment-herpes simplex virus keratitis, man 7122.
combination-vaccines, treatment-rabies, animals 2346.
comparison-leucocytes pyrogens, rabbits 2363.
concentration/production, Burkitt's lymphoma cell culture 7113.
containing plasma, induction/preparatory/use-treatment viruses infection 4979.
containing plasma, use-hepatitis B immunoprophylaxis, man 7930.
conversion, low molecular weight forms 893.
dependence-infectious pancreatic necrosis virus defective interfering particles persistent infection, embryo cells, salmon, absence 6172.
derived agents tissue culture, mice, antigenic relationship-interferon derived agents leucocytes, man 4968.
derived from fibroblasts/leucocytes, effects on growth, transformed cell lines, man 6473.
derived from fibroblasts/leucocytes, man, comparison, copper chelation chromatography (affinity) 7114.
derived from leucocytes, man, purification 1609.
derived from lymphoblastoid cell lines, man, antigenic characteristics 5640.
effects on ascites/solid tumours growth, mice 5651.
effects on autoantibodies biosynthesis/murine leukaemia virus levels/immune complexes, mice 1639.
effects on autoimmune diseases incidence/life span, New Zealand Black mouse 7121.
effects on caps methylation, reovirus mRNA, L929 cells 7112.
effects on cell cycle, BALB/c 3T3 cells 2985.
effects on cell cycle, cells, man/mice 2982.
effects on cells mRNA/proteins metabolism, in vitro 1629.
effects on colony-forming cells 1626.
effects on DNA biosynthesis/growth, mice embryos 5642.
effects on Ebola virus experimental infection, monkeys 3570.
effects on enterovirus (human) 70/coxsackievirus A24 replication, cell culture 680.
effects on Friend erythroleukaemia cells differentiation 1627.
effects on globin mRNA transcription, Friend erythroleukaemia cells 2980.
effects on herpes simplex virus latent infection reactivation, mice 5765.
effects on initiation factor 2 phosphorylation, human amnion cells 4257.
effects on initiation factor 2 phosphorylation, L929 cells 4960.
effects on interferon resistant/sensitive L1210 cells 212.
effects on lymphocytes, comparison-lymphokines 2306.
effects on lymphocytes cytotoxicity, man 4256.
effects on lymphocytes T cytotoxicity 2979.
effects on macrophages phagocytosis 2305.
effects on murine leukaemia virus chronic infection, AKR-2B cells/SC-1 cells 4966.
effects on murine sarcoma virus transformation in vitro 1620.
effects on oncornavirus, review 2308.
effects on oncornavirus positive RD-114 cells, use-assays 4965.
effects on poxviruses, review 2330.
effects on rRNA metabolism, relationship-chromosome 21 ploidy, fibroblasts, man 4962.
effects on tRNA methylation, cell culture 6462.
effects on mRNA translation/protein biosynthesis 2328.
effects on serum induced metabolism, 3T3 cells 6474.
effects on SV40 antigen T expression, skin fibroblasts, man 877.
effects on SV40 antigen T production, infected/transformed cells 4970.
effects on togavirus/arenavirus infection, monkeys 1644.
effects on vesicular stomatitis virus infectivity/production, Ly cells 7901.
effects on vesicular stomatitis virus RNA biosynthesis/protein biosynthesis, cells, man/monkeys 3563.
effects on xenotropic C type virus chronic infection, cells, man 7907.
efficacy, influenza 1634.
fibroblasts, man, antiviral activity standardization, failure 1605.
fibroblasts, man, stabilization, ethylene glycol 892.
fibroblasts/leucocytes, combination, treatment keratitis, man 4265.
fibroblasts/leucocytes, effects on cell cycle, fibroblasts, man 5644.
gene mapping, cell hybrids, man 4964.
genes expression, post transcription/translation control 7102.
human leucocytes, effects on DNA biosynthesis/AMP (cyclic) levels, RSa cells 896.
human lymphoblastoid cells, effects on growth, cells, breast tumours, man 905.
hyporeactivity, mechanisms, review 2318.
immune response (humoral) effects on 2344.
inactivation, body fluids, man 1643.
inactivation, serum, fibroblasts, man 7906.
induced antiviral state, L cells, ammonium salts effects on 2973.
induced viruses resistance, intercellular transfer, cells 4255.
induced viruses resistance, transfer, U cells/WISH cells 899.
induced 1210 cells death, growth rate effects on 7105.
inducer, fungi, effects on rhinovirus (human) 4 infection, man 213.
inducers, antiviral activity evaluation, methodology 7905.
inducers, CP-20,961, treatment-rhinovirus (human) 21 respiratory tract infection, man 2989.
inducers, effects on rhinovirus infection, man 5655.
inducers, prevention-encephalomyelitis virus/herpesvirus/tick-borne encephalitis virus experimental infection, mice 8393.
inducers, use-immunotherapy, tumours, man 7916.
induction, acranil dihydrochloride/tilorone/U-25.166, effects on Trypanosoma equiperdum infection, mice 4974.
induction, antigens/mitogens, review 2314.
induction, Bacillus subtilis 4963.
induction, Brucella abortus, mice 7923.
induction, cell-mediated cytotoxicity, viruses infected cells, man 2450.
induction, cells, man/chickens/mice, arbovirus 2984.
induction, Clostridium anaerobium, mice 7925.
induction, DEAE-dextran/poly (I.C), L-929 cells 6465.
induction, defective interfering particles, role-persistant

Interferon,(continued)
infection, vesicular stomatitis virus temperature-sensitive mutant 5650.
induction, DEAE-dextran + poly (I·C), chickens 4262.
induction, 1,5-diamino anthraquinones 5767.
induction, dioctadecyl-bis(2-hydroxyethyl)propanediamine, mice 2991.
induction, double-stranded RNA, in vivo, review 2360.
induction, endotoxins, yield, interferon pretreatment effects on, cell lines, rabbits 5645.
induction, Escherichia coli urinary tract infection, man 902.
induction, florenal, influenza A virus 1736.
induction, gram-negative bacteria endotoxins, in vivo 2361.
induction, in vitro/in vivo, comparison 2333.
induction, inactivated Newcastle disease virus/poly (I.C)-lysine complex, dogs 7120.
induction, infectious bronchitis virus, in vitro 3567.
induction, inhibitors, isolation, hyporeactive cells 4253.
induction, initiation factors inhibitors 1631.
induction, J-41 cells/J 96 cells cell lines, relationship-chromosome 2 levels 1622.
induction, low molecular weight chemicals/bacteria/fungi/protozoa, review 2317.
induction, lymphocytes B/lymphocytes T dependent mitogens, mice 1612.
induction, lymphocytic choriomeningitis virus + tick-borne encephalitis virus mixed infection, interference/L cells-embryo cells 2098.
induction, lymphocytic choriomeningitis virus, mice 2342.
induction, mice, graft-versus-host reaction effects on 2988.
induction, mice/embryo cells-chickens, gossypol 1619.
induction, mitogens/Newcastle disease virus, leucocytes, colostrum, man 7913.
induction, Newcastle disease virus, cell density effects on kinetics/levels, in vitro 4260.
induction, Newcastle disease virus, levels-lymph nodes/spleen/thymus, mice 7115.
induction, Newcastle disease virus, lymphoblastoid cell lines, man 7908.
induction, Newcastle disease virus, mice, BCG effects on 2990.
induction, Newcastle disease virus, tunicamycin effects on, in vitro 4967.
induction, Newcastle disease virus/phage f2, tongue cell culture, guinea pigs 6471.
induction, Newcastle disease virus/poly (I·C), in vitro, review 2336.
induction, Newcastle disease virus/poly (I.C), kinetics, mice 7116.
induction, Newcastle disease virus temperature-sensitive mutant, embryo cells, chickens 2975.
induction, OK-432, mice 7926.
induction, phage f2 replicative form RNA 5653.
induction, phages double-stranded RNA, treatment-viruses infection, man 1647.
induction, poly (I:C), chickens, efficacy/applications 904.
induction, poly (I.C), human fibroblasts, superinduction, mechanisms 3566.
induction, poly (I.C), mechanisms, review 2313.
induction, poly (I.C), modification-poly-L-lysine/carboxymethylcellulose effects on 894.
induction, poly (I.C), treatment-herpes simplex virus infection, neonates, man 1168.
induction, poly (I.C) azido derivatives 2341.
induction, poly (I.C) complex-lysine + vaccines, rabies prophylaxis, mice 2420.
induction, poly (I.C)-poly (lysine) complex, use-tumours immunotherapy, man 7918.
induction, polynucleotides, mechanisms, review 2311.
induction, polynucleotides, mechanisms/clinical trials, review 2358.
induction, pyrimidine (hydroxy) derivatives, chickens 4975.
induction, radiation (u.v.) treated reovirus, cells, rodents, mechanisms 4254.
induction, role-tilorone hydrochloride/analogues antiviral activity, mengovirus infection, mice 7119.
induction, Sindbis virus, role-gene A/gene G, in vitro 7910.
induction, Staphylococcus aureus enterotoxins, lymphocytes, man 1623.
induction, tilorone dihydrochloride/analogues 1001.
induction, tilorone/lipoidal diamines, in vivo, man 2353.
induction, viruses, review 2316.
induction/activity, neuroblastoma cells, mice 210.
induction/antiviral activity/priming activity, L929 cells, indomethacin effects on 1615.
induction-antiviral state, kinetics, fibroblasts 7900.
induction/biosynthesis/mRNA characterization, review 2338.
induction/commercial production 7909.
induction-protein biosynthesis, fibroblasts, man 4972.
induction-radioprotection, mice 1641.
inhibition-lymphocytes blastogenesis, chromosome 21 trisomy effects on, man 4976.
inhibition-Mason-Pfizer monkey virus replication, in vitro 6475.
inhibition-murine leukaemia virus/murine sarcoma virus infection/transformation, 3T3 cells 7109.
inhibition-plasminogen activator release, SV40 transformed 3T3 cells 2983.
inhibition-RD-114 virus induced cell fusion, transformed cell lines, man 6472.
inhibition-tumours antigens expression, SV40 infected cells 6464.
inhibition-viruses transcription/translation, mechanisms 1630.
interaction-lectins 5639.
large-scale production, Namalva cells 2320.
large-scale production, review 2319.
leucocytes, antiviral activity in vivo, intranasal administration, man 903.
leucocytes, effects on adenovirus (human) 12 antigen T expression, embryo cells, chickens 199.
leucocytes, effects on plasma membranes permeability, man 2971.
leucocytes, man, fluorescent antibody test, micromethods 7106.
leucocytes, man, immune response/toxicity, rabbits neonates 2992.
levels, leucocytes, leukaemia (chronic lymphatic), man 4978.
levels, serum, influenza A/influenza B, man 4263.
levels/metabolism, body fluids 1642.
lymphocytes, chromatography (affinity), characterization 2970.
L929 cells, mRNA translation, in vitro/in vivo 211.
macrophages, spleen cell cultures, mice 2976.
macrophages/lymphocytes/fibroblasts, comparison, review 2315.
man, immunoglobulin preparation, methodology 4251.
man/hamsters/horses/mice/rabbits, separation, chromatography, use-Cibacron Blue binding 4266.
mechanism, mRNA degradation, vesicular stomatitis virus infected cells 1617.
mediated ribonucleolytic activity, properties, L-929 cells 898.
mice, effects on aminopyrineN-demethylase/cytochrome P-450/benzo(a)pyrene hydroxylase activity, hepatocytes 897.
Newcastle disease virus/poly (I.C) induced, derived from

IRL©1979

Interferon,(continued)
fibroblasts man, body fluids effects on 6469.
Newcastle disease virus/poly (rI.rC) induced, characterizaton/heterogeneity 7104.
pharmacokinetics, rabbits/treatment-diseases, man, clinical trials 7912.
pharmacokinetics/side effects, man 2354.
polynucleotides binding sites 7893.
priming, effects on interferon mRNA, cells, mice 7108.
priming, in vitro 1624.
producing lymphocytes characterization, in vitro, influenza virus infection, mice 3569.
production, cattle, bovine rhinotracheitis virus infection + hydrocortisone injection 6478.
production, Ehrlich ascites tumour cells, mice 1637.
production, glia/glioma cell lines 3565.
production, glycosylation requirements, lymphoblastoid cell lines, man 6477.
production, in vitro/in vivo, acrylic acid copolymers-maleic anhydride effects on, correlation-molecular weight, absence 3099.
production, mutants cells, man, in vitro 2337.
production, mutants cells, mice 4258.
production, negative, Vero cells, clones characterization 7111.
production, transcription control, role-retinoic acid, in vitro 1628.
production/clinical applications, man, review 1633.
production/mechanisms, role-cancer 1635.
production/purification/antitumour activity in vitro/in vivo 7897.
prophylaxis-cytomegalovirus/herpes simplex virus infection, kidney transplantation, man, clinical trials 7920.
protection-mengovirus infection, mice 7922.
purification, chromatography (affinity) 1610, 4252.
purification, methodology, mice, review 2326.
purification, review 1614.
purification/characterization, L cells 207.
purification/separation, chromatography (affinity) 4261.
rapid assays, review 2324.
receptors, characterization, cell membranes 1648.
receptors, function/structure, relationship-antiviral state establishment/hormones receptors 2978.
receptors, glycolipids, membranes, transformed cell lines, man 5646.
resistance, L-1210 cells, effects on abrin/ricin toxicity 7911.
resistance, visna virus, role-persistence, sheep 3853.
response, children, respiratory syncytial virus/influenza virus/ parainfluenza virus infection 901.
response, mice, herpes simplex virus immunization 5648.
response, nasal secretions, infants, respiratory syncytial virus/ influenza A virus infection 900.
review 7103, 7895, 7924.
ribonuclease activity 7898.
mRNA, characterization, Sendai virus treated lymphoblastoid cell lines, man 7899.
mRNA, induction-antiviral activity, L929 cells 4969.
role-absence-measles virus induced lymphocytes suppression, multiple sclerosis, man 3848.
role-enhancement-cell-mediated antibody-dependent cytotoxicity, mice/rats 7915.
role-hepatitis B virus persistent infection recovery, man 3096.
role-immune response, herpesvirus infection, man 7928.
role-immune response, viruses infection, man 7927.
role-immune response regulation, review 4959.
role-influenza virus infection resistance, mice 7118.
role-lymphocytic choriomeningitis virus induced glomerulonephritis pathogenesis, mice 215.
role-mouse hepatitis virus 3 infection pathogenesis, mice 1636.
role-pathogenesis, herpesvirus derived from Eidolon helvum, experimental infection-mice 1640.
role-phagocytosis-macrophages, Newcastle disease virus infection, mice 214.
role-phagocytosis regulation 2977.
Semliki Forest virus induced, stimulation, low molecular weight chickens egg yolk factors 2981.
sensitive immunoglobulin M expression, Raji cells, herpes simplex virus persistent infection 6867.
sensitivity, C3H cells 4259.
sensitivity, murine sarcoma virus transformed cells, sodium butyrate effects on 2334.
stabilization 2327.
stimulation, natural cell-mediated cytotoxicity, mice 6479.
stimulation-antibody response, role-lymphocytes T, mice 2986.
stimulation-lymphocytes cytotoxicity, man 2987.
structure, comparison, man/mice 2310.
superinduction, 5,6-dichloro1-β-D-ribofuranosylbenzimidazole, fibroblasts, man, role-mRNA stability 1616.
superinfection, poly (I.C), fibroblasts, man 1621.
suppression-herpes simplex virus replication in vitro, mechanisms 4303.
susceptibility, cell lines, parainfluenza virus 1 infection effects on 6460.
susceptibility, temperature sensitive, Sendai virus persistently infected L cells 895.
transfer-resistance-vesicular stomatitis virus infection, cells, mice 6470.
treated cells, chickens, vaccinia virus mRNA methylation 4120.
treated cells, defective Moloney leukaemia virus derived from 7110.
treated cells, double-stranded RNA induced cytolysis, protection-hormones 6467.
treated cells, mice, Moloney leukaemia virus RNA biosynthesis 1504.
treated cells, poly (I.C) effects on 6466.
treated Ehrlich ascites tumour cells, accumulation mRNA 7904.
treated embryo cells, chickens, double-stranded RNA, effects on mRNA degradation 4961.
treated HeLa cells, encephalomyocarditis virus/hosts mRNA degradation, specificity, mechanisms 7732.
treated HeLa cells, 2′,5′-oligo (A) polymerase activity, relationship-encephalomyocarditis virus RNA biosynthesis inhibition 6463.
treated L cells, oligonucleotides, inhibition-protein biosynthesis 4973.
treated L cells, ribonuclease activity, mengovirus infection effects on 4123.
treated L929 cells, poly (I.C) effects on 7902, 7903.
treated/viruses infected L929 cells, proteins phosphorylation, double-stranded RNA effects on 2340.
treatment, cancer patients 4977.
treatment, induction-2′,5′-oligoadenylate synthetase/ proteins, embryo cells, chickens 5641.
treatment, neonates, rats, effects on growth/nephritis development 7921.
treatment, viruses respiratory tract infection 2345.
treatment-cancer, man 2357.
treatment-cytomegalovirus infection, man 2352.
treatment-enterovirus (human) 70/coxsackievirus A24 eye infection, man 2350.

Interferon,(continued)
treatment eye viruses infection, man 2349.
treatment-hepatitis B, man/monkeys 2351.
treatment-herpesvirus infection, review 2347.
treatment-myeloma (multiple), man 7117.
treatment-myelomatosis, man 7123.
treatment/prophylaxis, viruses infection, kidney transplantation, man 7919.
treatment rabies virus infection, Macaca fascicularis 6480.
treatment respiratory tract infection, children 4264.
treatment rheumatoid arthritis, man 5656.
treatment rhinovirus infection, man 1645.
treatment-varicella-zoster virus infection, man 1608.
treatment viruses infection, man/animals, review 2348.
treatment-viruses respiratory tract infection, man 1646.
tunicamycin effects on 1604.
use-antitumour agents/antiviral agents, man 6476.
use-prophylaxis, dengue virus haemorrhagic fever/Japanese encephalitis, mice 5652.
viruses resistance 1613.
Interferon I,
effects on immunity (cell-mediated), mice/man 2343.
induction/antiviral activity/role-immune response, review 2359.
Interferon II,
effects on immunity (cell-mediated), mice/man 2343.
induction/antiviral activity/role-immune response, review 2359.
Internal brown spot disease,
incidence, Dioscorea alata, storage 2748.
Intestinal tract,
malfunction, multiple sclerosis association 471.
organ culture, cats, feline infectious peritonitis virus growth 4630.
pigs, enterovirus (porcine) vaccines, antibodies specificity 2411.
ultrastructure, transmissible enteritis of turkey virus infection, turkey embryos/turkeys, immunofluorescence/electron microscopy 1260.
Intestine,
Apis mellifera, protein biosynthesis, bee paralysis virus infection effects on 7460.
histopathology, comparison-feline panleucopenia, enteritis, dogs 8348.
immunopathology, malabsorption, association-multiple sclerosis, man 1180.
Intrahepatic cholestasis,
pregnancy, differential diagnosis-hepatitis A/hepatitis B, man 8172.
Intravascular coagulation,
association-measles, case reports 2591.
measles complications, case reports/diagnosis/treatment, children 4437.
Intussusception,
infants/children, rotavirus (human) role 1110.
Iodine,
antiviral agents, rhinovirus, hand hygiene 5065.
Iodophors,
iodophor K30, antiviral activity, phage T4/poliovirus 5764.
Wescodyne, inactivation poliovirus, efficacy 2461.
Ionic environment,
effects on tobacco mosaic virus degradation 3426.
Ionic strength,
dependence, phage T2 tail fibres isomerization 69.
effects on adenovirus (human) 5 translation, infected human cells/cell-free system 6328.
Iontophoresis,
adenine arabinoside/AMP arabinoside/uridine (5′-iodo-2′-deoxy), effects on herpes simplex virus 1 infection, mice 1994.
Ipomoea batatas,
Nigeria, sweet potato internal cork virus/sweet potato mosaic virus infection 3357.
Iran,
cucumber green mottle mosaic virus/cucumber mosaic virus/watermelon mosaic virus incidence, Cucurbitaceae 3354.
soybean mosaic virus, epidemiology/symptoms/transmission, Glycine max 3924.
viruses isolation, respiratory tract diseases, children 5876.
Iraq,
cucumber mosaic virus/watermelon mosaic virus 2 infection/characterization/transmission, Solanum melongena/Cucurbita pepo 7481.
Iridescent virus,
isolation/characterization/pathogenesis, Heliothis zea 76.
Iridescent virus 21,
enzyme-linked immunosorbent assay 6426.
Iridescent virus 22,
enzyme-linked immunosorbent assay 6426.
Iridescent virus 23,
enzyme-linked immunosorbent assay 6426.
Iridescent virus 25,
enzyme-linked immunosorbent assay 6426.
Iridescent virus 28,
enzyme-linked immunosorbent assay 6426.
Iridescent virus 29,
antigens/proteins, characterization 2809.
Iridovirus,
development/characterization, Tenebrio molitor 1268.
Iris germanica,
rhabdovirus virus-like particles detection/association-yellow stripe 3344.
Iritis,
herpes simplex virus, treatment, guanine, (9-(2-hydoxymethyl)) 2719.
Iron,
content, serum ferritin, hepatitis (acute), man 3202.
levels, serum, association-hepatitis B virus infection immune response, man 5754.
Isatin,
derivatives, antiviral activity 4334.
Isatin thiosemicarbazones,
antiviral activity/treatment-mengovirus/vaccinia virus infection, mice 6091.
Isatin-β-Thiosemicarbazone,
effects on vaccinia virus mRNA translation 7730.
Islet cells,
quantitation, immunofluorescence, encephalomyocarditis virus induced diabetes, mice 3891.
Isoelectric focusing,
adeno-associated virus 4/X-14 virus 71.
interferon, chickens/mice 4957.
poxvirus 663.
preparation-avian myeloblastosis virus/Rous sarcoma virus proteins 570.
Isonicotinic acid hydrazide,
complex-copper, effects on Rous sarcoma virus RNA/DNA polymerase (RNA-dependent)/transformation 6551.
Isoprinosine,
antiviral activity, review 8029.
effects on antitumour activity, interferon, mice 7917.
treatment-hepatitis (acute), man, clinical trials 3269.
treatment-influenza, man, clinical trials 1939.
treatment-rubella virus panencephalitis, man 7176.

IRL©1979

Isopropanol,
antiviral activity, ECHOvirus 11/herpes simplex virus 1 5755.
Isoquinoline,
antiviral activity, influenza virus/parainfluenza virus 7197.
Israel,
influenza outbreaks, epidemiology/surveillance/viruses characterization, man 6690.
parainfluenza virus 3 isolation, cattle 1235.
poliomyelitis outbreaks, relationship-histocompatibility antigens, children 5248.
rotavirus aetiology, gastroenteritis, man 1863.
rubella (congenital) pathology/prophylaxis, children 5203.
rubella virus seroepidemiology, infants, rubella epidemics 1903.
varicella-zoster virus seroepidemiology, Jews 1139.
Italy,
adenovirus (bovine) strains seroepidemiology, cattle 7420.
broadbean wilt virus identification/isolation, Faba vulgaris 2050.
cherry leaf roll virus infection incidence/symptomatology/transmission, Juglans regia 1287.
coronavirus (human) OC43 seroepidemiology, man 3244.
ECHOvirus 25 meningitis, case reports/epidemiology, man 4471.
hepatitis A/hepatitis B incidence, man 7367.
hepatitis A virus antibodies incidence, man 3251.
hepatitis B surface antigen/antibodies incidence, children 6701.
hepatitis B virus aetiology, hepatitis (chronic)/liver cirrhosis, man 1883.
hepatitis B virus infection, role-liver diseaes, man 5948.
influenza A isolation, pigs 6040.
influenza A outbreaks, diagnosis/epidemiology, pigs 6076.
influenza A virus epidemics/seroepidemiology, man 3248.
influenza A virus seroepidemiology, man 3821.
measles virus/mumps virus/poliovirus/rubella virus seroepidemiology, man 5980.
Ivory Coast,
Psophocarpus leaf-curl disease virus infection, incidence/symptoms, Psophocarpus tetragonolobus 7482.
Ixodes,
tick-borne encephalitis virus ecology 7354.
Ixodes persulcatus,
transmission-tick-borne encephalitis virus, control, use-DDT 7376.
Ixodes ricinus,
Czechoslovakia, Tettnang virus isolation 5259, 7428.
Czechoslovakia, tick-borne encephalitis virus/Uukuniemi virus isolation 6684.
France, Alsace, Central European encephalitis virus ecology 3231.
Germany, Fed.Rep., tick-borne encephalitis virus isolation 5257.
louping-ill virus ecology 1971.
Norway, tick-borne encephalitis virus isolation 1144.
replication/transmission-tick-borne encephalitis virus, relationship-pathogenicity, mice 8416.
transmission-tick-borne encephalitis virus, hamsters 5339.
Ixodes uriae,
Faeroe Is., isolation-orbivirus 8418.
Ixodidae,
Ethiopia, Congo virus/Dugbe virus/Jos virus/Thogoto virus isolation 515.
isolation-Chim virus 7493.
Jacchus,
experimental infection, hepatitis A virus, antibody response/pathology/susceptibility 4564.
Jackals,
South Africa, rabies ecology/control 1231.
Jamaica,
dengue virus infection, clinical manifestations/complications, case reports 3186.
eastern equine encephalitis virus epidemiology, role-chickens 2706.
Jamestown Canyon virus,
antigenic relationship-California encephalitis virus/La Crosse virus/Lumbo virus/snowshoe hare virus/Tahyna virus/Trivitattus virus 4942.
experimental infection, susceptibility, Odocoileus virginianus/Sciurus carolinensis/Sylvilagus floridanus 8410.
isolation, Aedes abserratus/Aedes cantator/Aedes vexans, USA, Connecticut 1904.
transmission, Aedes atlanticus, rabbits 2708.
Japan,
bovine leukaemia virus antibodies incidence, cattle 5123.
enterovirus (human) 71 seroepidemiology, children 6679.
hepatitis A virus seroepidemiology, man 2640.
hepatitis B surface antigen positive patients, management, hospitals 6016.
hepatitis B virus aetiology, membranous nephropathy, children 1882.
influenza A virus isolation, Melosittacus undulatus 7432.
influenza A virus seroepidemiology, pigs 3876.
influenza virus seroepidemiology, horses 1232.
isolation-Japanese encephalitis virus, Anopheles hyrcanus/Culex tritaeniorhynchus 8294.
Japanese encephalitis virus ecology, Culex tritaeniorhynchus 5314.
Japanese encephalitis virus ecology, pigs/Culex tritaeniorhynchus summorosus 514.
Japanese encephalitis virus infection incidence, mosquitoes/pigs 1983.
orf virus isolation/epidemiology, sheep 505.
orthomyxovirus/paramyxovirus isolation, ducks 7433.
rice waika virus characterization/incidence/transmission-Nephotettix, Oryza sativa 5385.
rotavirus association-diarrhoea, cattle juveniles 1970.
rotavirus association-gastroenteritis, infants 3185.
Japanese encephalitis,
mice, prophylaxis, use-interferon/interferon induction 5652.
Japanese encephalitis virus,
complement fixation/haemagglutination components, biological properties/separation/morphology 4940.
ecology, Culex tritaeniorhynchus, Japan 4485, 5314.
ecology, pigs/Culex tritaeniorhynchus summorosus, Japan 514.
epidemiology/transmission-mosquitoes, India, Bengal 7353.
infection, incidence, mosquitoes/pigs, Japan 1983.
infection, kinetics, cell culture 4619.
isolation, Anopheles hyrcanus/Culex tritaeniorhynchus, Japan 8294.
neutralization tests, methodology 6419.
physicochemical properties 6253.
proteins, characterization/isolation, infected Aedes albopictus cell lines 6338.
replication, salivary gland, Culex pipiens/Culex tritaeniorhynchus, electron microscopy 5503.
vaccination, antibody response, dengue virus/Japanese

Japanese encephalitis virus,(continued)
encephalitis virus antibodies positive man 7131.
vaccines, efficacy, pigs 5703.
vaccines, stability, tests 4989.
Jaundice,
differential diagnosis-hepatitis/thyrotoxicosis, man 3726.
hepatitis A virus, association-pregnancy, man 411.
hepatitis B virus aetiology/pathology, man, review 2606.
incidence, association-hepatitis B surface antigen/antibodies, man 2608.
infectious mononucleosis incidence, man, Ghana 2614.
patients, hepatitis B surface antigen carriers incidence 4455.
Javex,
antiviral activity, coxsackievirus B5 3649.
JC virus,
aetiology-progressive multifocal leukoencephalopathy + immunodeficiency, case reports 5888.
antigen T, absence-brain tumours, man 1048.
DNA, restriction endonuclease cleavage mapping 3981.
DNA homology-BK virus/SV40 7580.
induction brain tumours, Aotus trivirgatus 3108.
physicochemical properties/tumorigenicity, man, review 8141.
replication, amnion cells, man 6864.
Jejunum,
measles virus isolation, multiple sclerosis, man 3276.
pathology, electron microscopy (scanning), feline panleucopenia virus infection, Mustela vision 3859.
pathology, man, multiple sclerosis 6725.

Johnston Atoll virus,
isolation, Ornithodoros capensis, Sula bassana servator, New Zealand 3299.
Jos virus,
experimental infection, pathogenicity/pathology, mice, in vitro/in vivo 4554.
isolation, Ixodidae, Ethiopia 515.
physicochemical properties 6254.
Juglans regia,
cherry leaf roll virus physicochemical properties/antigenic characteristics/isolation 77.
Italy, cherry leaf roll virus infection incidence/symptomatology/transmission 1287.
Juncopox virus,
DNA physicochemical characterization, comparison-vaccinia virus/fowlpox virus 629.
Junin virus,
congenital infection, effects on reproduction/immunity (passive)/symptoms, mice 3895.
detection-salivary glands, infected Calomys musculinus 5340.
experimental infection, immune response/pathogenicity, Alouatta caraya 6099.
experimental infection, immunostimulants/immunosuppressive agents effects on, mice 8412.
infection, protection, Tacaribe virus heterologous vaccination, guinea-pigs 940.
persistent infection, cytopathology/establishment, temperature cytopathology, Vero cells 7543.
replication, Vero cells, glucosamine effects on 5506.
temperature-sensitive properties, isolated-persistent infection, Vero cells 6878.

K virus,
antigenic relationship/DNA comparison-polyoma virus 196.
genome, mapping, comparison-polyoma virus 4658.
Kallikrein,
levels/growth, SV40 induced fibrosarcomas, hamsters, bradykinin effects on 4349.
Kanamycin,
resistance determinants, mapping, phage P1 DNA 7805.
Kaposi's sarcoma,
association-cytomegalovirus, man, Africa/USA 3149.
association-herpesvirus, man 3145.
viruses aetiology, review 2505.
Kaposi's varicelliform eruption,
association-mycosis fungoide treatment, case reports, chemotherapys 3738.
Karimabad virus,
characterization/physicochemical properties, comparison-Chagres virus/Punta Toro virus/sandfly fever virus 4720.
Karyotypes,
SV40 transformed cells, hamsters 6561.
Kashmir bee virus,
strains, antigenic relationship 6852.
Kedougou virus,
classification/isolation, Aedes minutus, Senegal 1319.
Kemerovo virus,
association-neurological diseases/seroepidemiology, man, Czechoslovakia 5254.
Kennel cough,
dogs, parainfluenza virus/adenovirus (canine) 02 aetiology/prophylaxis/treatment 480.
Kenya,
Ebola virus haemorrhagic fever control/surveillance, man 3813.
influenza A virus/influenza B virus seroepidemiology, children 6694.
Nairobi sheep disease virus seroepidemiology, goats/sheep/transmission-Rhipicephalus appendiculatus 1985.
poliomyelitis epidemics epidemiology/prophylaxis, comparison-Europe, review 2623.
reovirus aetiology, diarrhoea, man 391.
rotavirus seroepidemiology, children 6681.
tomato black ring virus characterization/isolation, Solanum tuberosum 5387.
Keratitis,
herpes simplex virus, cornea epithelium histochemistry/histopathology, rabbits 4544.
herpes simplex virus, man, case reports 8194.
herpes simplex virus, management, man, review 6715.
herpes simplex virus, pathogenesis/treatment, man 371.
herpes simplex virus, pathology, cornea, electron microscopy (scanning), rabbits 4542.
herpes simplex virus, rabbits, diagnosis/pathology/symptoms, review 3312.
herpes simplex virus, treatment, adenine arabinoside/uridine (5′-iodo-2′-deoxy), man, clinical trials 1169.
herpes simplex virus, treatment, adenine arabinoside/thymidine (trifluoro), rabbits 7441.
herpes simplex virus, treatment, anti-collagenase/cytidine (cyclo), man 1170.
herpes simplex virus, treatment, cryotherapy/uridine (5′-iodo-2′-deoxy), man 3264.
herpes simplex virus, treatment, γ-globulins, man 5657.
herpes simplex virus, treatment, guanine, (9-(2-hydoxymethyl)) 2719.

IRL©1979

Keratitis,(continued)
herpes simplex virus, treatment, interferon + secretory immunoglobulin A, man 1638.
herpes simplex virus, treatment, interferon + thymidine (trifluoro), man 7122.
herpes simplex virus, treatment, levamisole, rabbits animal models 453.
herpes simplex virus, treatment, man, review 3262.
herpes simplex virus, treatment, uridine (trifluoro), case reports 1936.
herpes simplex virus, treatment, vitamin C administration, eye, man, animal models, rabbits 1935.
herpes simplex virus, uridine (5′-iodo-2′-deoxy) resistance, case reports/mechanisms 7380.
herpes simplex virus 1, latent viruses detection, trigeminal ganglion, rabbits 5329.
herpes simplex virus 1, treatment, adenine arabinoside/guanosine (acyclo)/uridine (5′-iodo-2′-deoxy), rabbits 3886.
treatment, combination-fibroblasts/leucocytes interferon, man 4265.
Keratoconjunctivitis,
adenovirus (human) 21 aetiology, man, case reports 4404.
aetiology, herpes simplex virus, clinical manifestations/diagnosis, man, case reports 4410.
Keratohyalin,
formation/ultrastructure, warts, man/rats, comparative studies 1049.
Ketoxal,
modification, phage MS2 RNA fragments 602.
Keystone virus,
experimental infection, susceptibility, Odocoileus virginianus/Sciurus carolinensis/Sylvilagus floridanus 8410.
transmission, Aedes atlanticus, rabbits 2708.
Kidney,
cats, viruses infection, clinical aspects 2681.
cell culture, man, influenza A virus persistent infection, haemagglutinin/neuraminidase antigenic characteristics 4954.
cells, Cercopithecus/dogs, dengue virus 4 attenuation/growth 4618.
diseases, association-infectious mononucleosis, man, review 1849.
diseases, association-respiratory tract viruses infection, mechanisms, man 5878.
diseases, children, influenza A virus vaccination, antibody response/reactogenicity 2398.
diseases, effects on immune response, influenza A virus vaccination, man 6491.
diseases, man, influenza virus vaccination efficacy/recommendations 3041.
epithelium cells, systemic lupus erythematosus patients, virus-like particles isolation 5202.
function, association-hepatitis, man 3209.
glomerulonephritis, man, hepatitis B surface antigen incidence 2607.
histopathology, mink, Aleutian disease 7418.
immune complexes, hepatitis patients, hepatitis B surface antigen detection 4952.
lymphocytic choriomeningitis virus infection pathology, mice 5342.
Kidney transplantation,
associated tumours, role-viruses 8139.
association-BK virus infection, man, case reports 2549.
case reports, herpesvirus infection 1080.
cytomegalovirus/herpes simplex virus/varicella-zoster virus infection, man 8198.
cytomegalovirus infection, cold agglutinins, man 8211.
cytomegalovirus infection, man 8212.
cytomegalovirus infection, man, case reports 1088.
cytomegalovirus infection significance, man 8210.
grafts survival, hepatitis B surface antigen/antibodies presence effects on, man 5752.
hepatitis B surface antigen/antibodies incidence/transmission, man 3639.
hepatitis B surface antigen incidence, relationship-histocompatibility antigen HLA, man 414.
herpes simplex virus infection, immunity (cell-mediated)/immunity (humoral), man 6511.
herpes simplex virus infection, man 2554.
herpes zoster/condyloma acuminatum/warts treatment, azathioprine + prednisone, man 1051.
interferon prophylaxis-cytomegalovirus/herpes simplex virus infection, man, clinical trials 7920.
lymphoma, association-viruses infection, man, case reports 381.
man, adenosine deaminase levels, cytomegalovirus infection 8206.
man, cytomegalovirus/herpes simplex virus infection, incidence/immune response 8272.
man, cytomegalovirus infection, effects on morbidity/incidence 8205.
man, cytomegalovirus infection epidemiology/incidence 5965.
man, cytomegalovirus infection immune response (cell-mediated) 954.
man, hepatitis B virus infection 8317.
man, interferon treatment/prophylaxis, viruses infection 7919.
man, parainfluenza virus 3 infection, effects on grafts/patients survival 7366.
man, viruses infection, treatment 8331.
patients, C-type particles + Mason-Pfizer monkey virus isolation, man 5166.
patients, cytomegalovirus infection, association-bacteraemia 3742.
patients, cytomegalovirus infection, incidence/relationship-immunosuppression/prognosis 5241.
patients, immunosuppression, role-viruses infection, skin 5173.
patients, influenza A virus vaccination, efficacy/safety 7949.
prevention-cytomegalovirus infection, man 1925.
rejection, relationship-hepatitis B surface antigen/antibodies, man 2611.
risks-cytomegalovirus transmission, man 5966.
viruses infection, man 5892.
Kilham rat virus,
DNA, 3′-terminus, nucleotide sequence 7579.
DNA biosynthesis, in vitro 117.
inactivation, chlorine 7199.
role-helper viruses, adeno-associated virus 4 replication, in vitro 4049.
role-mammary gland tumours cell lines, rats 3654.
single-stranded DNA, 3′-terminus nucleotide sequence 7609.
Killer cells,
induction, mice, lymphocytic choriomeningitis virus infection 271.
role-measles virus/vaccinia virus vaccination, man 7128.
specificity, mice, lymphocytic choriomeningitis virus infection 6530.
Killer factor,
gene mapping, Ustilago maydis 4574.
induction, Saccharomyces cerevisiae 8430.
RNA biosynthesis, virus-like particles, Saccharomyces cerevisiae 92.
Saccharomyces cerevisiae/Ustilago maydis, review 8431.
Kinetin,
effects on tobacco mosaic virus replication, Nicotiana tissue

Kinetin,(continued)
culture 1284.
effects on tobacco ringspot virus infectivity, Nicotiana glutinosa 6804.
Kirsten sarcoma virus,
defective pseudotypes, characterization/isolation 6274.
immunity (cell-mediated), breast tumours, man 967.
phosphoproteins, antigenic relationship-rat sarcoma virus phosphoproteins 8132.
phosphoproteins, characterization, transformed cells 8124.
target cells identification, transformation-bone marrow, mice, in vitro 4375.
temperature-sensitive mutant, transformation, effects on epidermis growth factors receptors, kidney cells, rats 8125.
transformation, cells, gorillas 3136.
transformation, effects on cell adhesion 8126.
transformation, in vitro, evaluation-antiviral activity, drugs 8022.
transformation susceptibility, 3T3 cells cell variants lacking epidermal growth factor receptors 331.
transformed cells, growth, in vitro 5097.
transformed cells, man, reversion, association-DNA loss 7250.
transformed fibroblasts, mice, revertants, loss-proviruses DNA 8123.
transformed kidney cell culture, rats, actin content/organization 330.
transformed mink lung cells, cell surface morphology 4377.
transformed nonproducer cells, mice, endogenous C-type virus (murine) induction, radiation 6589.
Klebsiella,
phage typing 4891.
Klebsiella pneumoniae,
conversion expression regulation, phage AP3/phage FR2 lysogeny 1550.
mixed infection influenza A virus, susceptibility, cigarette smoke effects on, mice 5323.
morphology, correlation-superinfection resistance loss, phage AP3/phage FR2 lysogeny 1549.
nitrogen fixation genes, phage Mu DNA integration, induced mutants 1455.
phage λ receptors characterization 5512.
restriction endonuclease, recognition sequence, adenovirus (human) 2/SV40 DNA 620.
Koch's postulates,
application-viruses diseases aetiology, review 2543.
Korea, Rep.,
enterovirus/rotavirus role-diarrhoea (traveller's), military personnel 6645.
Korean haemorrhagic fever epidemiology/clinical manifestations, man 441.
reo-like virus aetiology/incidence, diarrhoea, military personnel 394.
Korean haemorrhagic fever,
diagnosis/epidemiology/pathology 3757.
epidemiology/clinical manifestations, man, Korea, Rep. 441.
outbreaks, hospitals personnel, epidemiology, man 8295.
relationship epidemic nephropathy, man, Scandinavia 4442.
Kunjin virus,
proteins, characterization/isolation, infected Aedes albopictus cell lines 6338.
Kupffer cells,
activation, treatment hepatitis, man 1940.
Kuru,
EEG studies, Macaca mulatta 7393.
epidemiology/transmission/control, man, review 4515.
Kuru virus,
resistance, radiation (γ) 3415.
Kuwait,
rubella virus seroepidemiology/vaccination recommendations, man 1902.
Kyasanur Forest disease,
control/epidemiology/transmission, man 5976.
Kyasanur Forest disease virus,
antibodies incidence, bats, India 6070.
transmission risks, laboratory animals 8382.

La Crosse virus,
antigenic relationship-California encephalitis virus/Jamestown Canyon virus/Lumbo virus/snowshoe hare virus/Tahyna virus/Trivitattus virus 4942.
epidemiology, man/horses, USA, Iowa 8290.
infection rate, ingestion, Aedes triseriatus larvae 516.
isolates, genomes, RNA nucleotide sequence, comparison-Bunyamwera virus/California encephalitis virus 7592.
nucleocapsid protein characterization/identification-RNA segments coding 6236.
RNA, glycoproteins coding, identification 6995.
Laboratories,
association-smallpox, man, British Isles, case reports 1102.
personnel, hepatitis B incidence 3256.
personnel, Newcastle disease virus disease spread 3250.
rabies virus transmission, man 1905.
viruses antibodies incidence, rodents 1976.
Laboratory animals,
monkeys, diseases, transmission risks, man 8382.
viruses infection incidence, British Isles 2698.
Lacrimal gland,
obstruction, case reports, complications-herpes simplex virus infection 8191.
Lactate dehydrogenase,
activity, adenovirus (human) infection, dogs 1240.
clearance, reticuloendothelial system/immune response, lactic dehydrogenase virus infection, mice 2008.
levels, serum/nervous system, chickens, Marek's disease virus experimental infection 533.
Lactic acid,
levels, cerebrospinal fluid, differential diagnosis-bacteria/viruses meningitis, children 7272.
levels, cerebrospinal fluid, viruses meningitis diagnosis 3155.
production, adenovirus (human) 5 infected HEp-2 cells, relationship-growth stage 3440.
Lactic acid bacteria,
phages effects on, cheese industries 4196.
phages infection, control, cheese industries, review 4887.
phages replication, temperature effects on 832.
Lactic dehydrogenase virus,
infection, effects on glycoproteins catabolism/distribution, mice 6055.
infection, effects on immunity, 3-methylcholanthrene induced fibrosarcoma, mice 8409.
infection, effects on macrophages antigens binding, mice 4318.
infection, lactate dehydrogenase clearance, reticuloendothelial system/immune response, mice 2008.
infection, mice, Plasmodium yoelii infection effects on 3317.
Lactobacillus acidophilus,
media (culture) derived from, antiviral activity 5075.
Lactobacillus casei,
ATP levels, effects on PL-1 phage adsorption 2163.
phage J1 infection, monocaprin/monocaprylin effects on

IRL©1979

Lactobacillus casei,(continued)
7045.
Lactuca sativa,
eeds, inactivation-lettuce mosaic virus, heat treatments + polyethylene glycol 6824.
JSA, California, tobacco rattle virus identification/symptomatology/transmission 1285.
Lagenaria vulgaris,
eaves, RNA content, bottlegourd mosaic virus effects on 2037.
Lagopus lagopus scoticus,
ouping-ill virus pathogenesis 1971.
ouping-ill virus transmission, ticks 1984.
Lagos bat virus,
solation, Micropterus pusillus, Central African Rep. 1230.
Lakes,
nfluenza A virus isolation 6696.
Langat virus,
xperimental infection, neuropathology, lead poisoning effects on, mice 4555.
torage, temperature effects 6949.
Langur monkeys,
oncornavirus (simian), proteins, comparison-Mason-Pfizer monkey virus 1395.
Laodelphar striatelius,
ransmission-wheat rosette stunt disease virus, Triticum aestivum 7508.
Laparoscopy,
iagnosis-hepatitis, man 5868.
Larus ridibundus,
nfluenza A virus transmission (vertical) 6077.
Laryngotracheobronchitis,
ssociation-herpesvirus, man, case reports 1072.
omplications, adenovirus (human) 3 conjunctivitis, infants 8189.
Larynx,
erpes zoster, man, case reports 4422.
papilloma, man, papilloma virus (human) derived from, physical properties 1417.
Laspeyresia pomonella,
ranulosis virus, commercial production, use-biological control 6861.
Lassa fever,
nimal models, rodents 6768.
rain involvement, man, case reports 1868.
iagnosis/risks, travellers 1824.
pidemiology/control 1147.
ncidence, hospitals personnel, Liberia 3797.
athology/transmission, man 3758.
atients, control/isolation 3833.
eview 352.
Lassa fever virus,
ntibodies incidence, hospitals personnel, Liberia 5982.
ntibodies incidence, Mastomys natalensis, Nigeria 3870.
ytopathogenesis/replication, cell lines 3383.
xperimental infection, mulatta, treatment, Macaca 3319.
aemorrhagic fever, clinical manifestations/diagnosis/epidemiology/prophylaxis, man, review 8238.
aemorrhagic fever, diagnosis/epidemiology, man 2629.
nfection, control, safety laboratories 3834.
Latex,
articles, aggregates-Tipula iridescent virus, structure 673.
Latex agglutination,
etection-Andean potato latent virus/Andean potato mottle virus, Solanum tuberosum 2282.
etection-hepatitis B surface antigen 3531.
etection-hepatitis B surface antigen, automated methods 2276.
detection-measles virus antibodies, multiple sclerosis patients 5295.
detection-potato virus S/potato virus X, Solanum tuberosum 3537.
hepatitis B surface antigen 1575.
methodology, beet yellows virus detection 5689.
Launaea mosaic virus,
mixed infection-spinach mosaic virus, effects on Nicotiana tabacum growth 5374.
Lead,
poisoning, combination measles/mumps/varicella, lead levels, blood, children 4438.
poisoning, effects on neuropathology, Langat virus experimental infection, mice 4555.
Leaf area,
Beta vulgaris, beet yellows virus infection effects on 2036.
Lecithin-cholesterol acyltransferase,
activity, man, hepatitis effects on 5939.
Lectins,
interaction-interferon 5639.
Leek yellow stripe virus,
characterization/classification/isolation/symptoms/transmission, Allium porrum, comparison-onion yellow dwarf virus 4604.
Leg,
contractures, management, multiple sclerosis 1179.
Legume yellows virus,
morphology/relationship-beet western yellows virus/pea leaf roll virus/subterranean clover red leaf virus/transmission Acyrthosiphon pisum/cyrthosiphon solani 6853.
Leguminosae,
susceptibility, tobacco mosaic virus/tomato mosaic virus infection 5365.
Leishmaniasis (visceral),
hepatitis B complications, man 5953.
Lens culinaris,
pea seed-borne mosaic virus resistance inheritance, genetic analysis 4585.
Lepomis macrochirus,
bluegill virus isolation/physicochemical properties 6847.
Leprosy,
man, hepatitis B surface antigen/antibodies incidence 6663.
patients, hepatitis B virus seroepidemiology 8316.
Lepus americanus,
Canada, snowshoe hare virus seroepidemiology 1227.
Lespedeza cuneata,
overwintering, cowpea chlorotic mottle virus transmission, Cerotoma trifurcata/Diabrotica undecimpunctata howardii 6135.
Lettuce big vein virus,
transmission, fungi 8458.
Lettuce mosaic virus,
detection/identification, immunoelectron microscopy 4933.
inactivation, heat treatments + polyethylene glycol, Lactuca sativa seeds 6824.
Lettuce necrotic yellow virus,
RNA polymerase (RNA-dependent), assays, infected Nicotiana glutinosa 2909.
Lettuce speckles mottle virus,
double-stranded/single-stranded RNA, infectivity/sedimentation 7606.
Leucocytes,
agglutination, vaccinia virus vaccination effects on, children 4985.
alterations, cattle, bovine rhinotracheitis virus infection + hydrocortisone injection 6478.

Leucocytes,(continued)
colostrum, man, interferon induction, mitogens/Newcastle disease virus 7913.
cytotoxicity/levels, lung, influenza virus infection, mice 3090.
dengue virus isolation, dengue virus haemorrhagic fever/infection, man 3194.
dengue virus 2 replication, maternal antibodies effects on, neonates, man 6523.
human, normal/DNA repair defective, Epstein-Barr virus transformation 1010.
influenza A virus antigens detection, influenza A virus vaccination, man 925.
interferon, effects on plasma membranes permeability, man 2971.
interferon, tunicamycin effects on 1604.
interferon derived from, effects on growth, transformed cell lines, man 6473.
interferon levels, leukaemia (chronic lymphatic), man 4978.
levels, man, infectious mononucleosis effects on 8217.
man, interferon characterization/purification 3564.
man, interferon derived agents, antigenic relationship-interferon derived agents tissue culture, mice 4968.
migration inhibition, antibody response, measles virus infection, guinea-pigs 5054.
migration inhibition, immune response (cell-mediated), Cercopithecus aethiops, measles virus infection 274.
migration inhibition tests, detection-immunity (cell-mediated), measles virus/mumps virus/Newcastle disease virus, multiple sclerosis, man 4516.
pyrogens, comparison-interferon, rabbits 2363.
subpopulations, man, herpes simplex virus 1 replication 259.
transformation, Epstein-Barr virus, regression, role-immunity (cell-mediated), man 4313.
viruses detection, biological activity/characterization, hepatitis A, man 5747.
Leucocytes (mononuclear),
herpes simplex virus 2 replication, adults/neonates, man, in vitro 5028.
subpopulations, DNA biosynthesis, yellow fever virus vaccination, man 3009.
Leucocytes (neutrophilic),
effects on encephalomyocarditis virus/reovirus 3/vesicular stomatitis virus infection, cell culture 5738.
function, serum factors affecting, hepatitis (acute), man 3095.
response, calicivirus (feline) pneumonia, mechanisms, cats 6518.
Leucocytes (polymorphonuclear),
antifungal activity, Candida, measles, children 2445.
function, man, cytomegalovirus mononucleosis effects on 5717.
phagocytosis, viruses effects on, man 7966.
Leucocytosis,
diagnosis, microhematocrit tecnique, cattle 1193.
Leucoencephalomyelitis,
clinical manifestations/pathology, goats 3280.
goats, case reports 5303.
Leucosis,
Boa constrictor, C-type virus isolation 5841.
Leukaemia,
Abelson leukaemia virus antigen (leukaemia-associated) characterization, mice 882.
association-cytomegalovirus infection + lung proteinosis, case reports 6629.
cattle, bovine leukaemia virus antigens detection, immunodiffusion 2265.
cell lines, mice, in vitro, continuous culture, induction, Abelson leukaemia virus/Friend leukaemia virus 8103.
cells, differentiation, relationship-C-type virus production regulation, mice 2484.
cells, man, detection-viruses related DNA 8138.
cells, man, DNA sequence, homology-Moloney leukaemia virus RNA 8115.
cells, man, oncornavirus DNA polymerase (RNA-dependent) detection 7265.
cells, man, oncornavirus nucleotide sequence detection 2521.
cells, mice, Rauscher leukaemia virus induced, differentiation, induction-ascitic fluid factors 8118.
cells, Rauscher leukaemia virus transformed, mice, Rauscher leukaemia virus envelopes glycoproteins association-histocompatibility antigen H2 4374.
children, role-viruses 5853.
children, varicella-zoster virus vaccination efficacy/safety 5665.
feline leukaemia virus, association-glomerulonephritis, cats 1778.
Friend leukaemia virus, lysosomes deoxyribonuclease II activity, liver, mice 5145.
Gross leukaemia virus induced, gag gene proteins metabolism/protein biosynthesis 1789.
guinea-pigs, B-type virus detection-lymphoblasts 5815.
herpes simplex virus infection, man 2554.
induction, radiation leukaemia virus variants, mice 4373.
man, immune response (cell-mediated), varicella-zoster virus infection 5722.
man, oncornavirus association/detection, review 2523.
man, pseudorabies virus antigens detection 5850.
man, treatment/role-viruses 336.
man, viruses aetiology 335.
mice, Graffi leukaemia virus/leukaemia/Friend leukaemia virus induced, thrombocytopenia 5822.
murine leukaemia virus induced, immunosuppression, mice 7178.
murine leukaemia virus induced, resistance, role-immune response, review 3085.
patients, varicella-zoster virus vaccination efficacy, children 2374.
radiation leukaemia virus induced, chromosomes studies, mice 324.
Rauscher leukaemia virus, immune response, antigens expression correlation-pathogenesis, mice 1713.
Rauscher leukaemia virus induced/spontaneous, spleen extracts effects on, mice 1792.
resistant mice-hybrids, ecotropic murine leukaemia virus expression, thymocytes 1031.
role-viruses infection, man/cats, review 5126.
spontaneous, AKR mouse, suppression, treatment-Friend leukaemia virus glycoprotein gp71 antibodies 5045.
thymus, induction, Gross leukaemia virus, inhibition, growth hormones, mice 5147.
Leukaemia (acute lymphatic),
inclusion bodies, virus-like particles detection, children 1818.
Leukaemia (acute lymphoblastic),
association-herpesvirus stomatitis, man, case reports 368.
Leukaemia (acute myeloblastic),
avian myeloblastosis virus induced, cyclophosphamide induced immunosuppression effects on, chickens 7220.
Leukaemia (acute myelomonocytic),
man, cell lines derived from, viruses detection 1817.
Leukaemia (chronic granulocytic),
viruses aetiology, man, case reports 2504.
Leukaemia (chronic lymphatic),
interferon levels, leucocytes, man 4978.
remission, association-vaccinia virus vaccination, man, case reports 911.

IRL©197

Leukaemia (plasma cell),
cell lines, Epstein-Barr virus carriers, establishment/characterization/comparison 579.
Leukaemia L1210,
mice, defective C-type virus characterization, release 4365.
Leukaemia RBL-3,
Rauscher leukaemia virus induced, virus determined antigen (tumour-specific), mice 1038.
Leukaemogenicity,
avian erythroblastosis virus replication defective temperature-sensitive mutant, in vitro/in vivo 1764.
Levamisole,
herpes simplex virus keratitis treatment, rabbits animal models 453.
immunosuppression, role-encephalitis pathology, case reports 5181.
treatment-central nervous system viruses diseases, man 3838.
treatment-hepatitis B surface antigen positive hepatitis 3271.
treatment-hepatitis B surface antigen positive hepatitis (chronic active), children 5292.
treatment-herpes labialis, man 6717.
treatment-herpes simplex virus infection/reinfection, eye, rabbits 2722.
treatment-herpes simplex virus infection, mechanisms, man 7381.
treatment-herpes simplex virus recurrent infection, man 1932.
treatment-malignant catarrhal fever, Bos frontalis gaurus 4540.
treatment-multiple sclerosis 466.
treatment-warts, man 4388.
Levodopa,
treatment-herpes zoster, man 7385.
Liberia,
Lassa fever incidence, hospitals personnel 3797.
Ligands,
induction-Rauscher leukaemia virus temperature-sensitive mutant assembly, cell surface, fibroblasts, mice 5546.
Light,
+ proflavine, induction-SV40, transformed cells, hamsters 5787.
inactivation-phage T7, kinetics 4655.
inactivation-Spodoptera litura nuclear polyhedrosis virus 6258.
Light effects,
cyanophages development, Anabaena variabilis 5508.
phage AS-1 adsorption-Anacystis nidulans 4732.
Light scattering,
intensity fluctuations, phage P22/phage φ29/phage Cb13 2142.
Linoleic acid,
treatment-multiple sclerosis, man 1186.
Lipids,
biosynthesis, inhibitors, effects on Rous sarcoma virus transformation, embryo fibroblasts, chickens 5117.
changes, erythrocytes, man, induction, adenovirus (human) 1437.
distribution/levels, children, hepatitis B surface antigen negative/positive hepatitis 5949.
effects on tunicamycin antiviral activity, Newcastle disease virus 1743.
levels, brain, chickens Marek's disease effects on 5306.
levels, children, hepatitis (acute) 416.
levels, hepatitis (acute) patients 415.
levels, serum, hepatitis (acute), man 1119.
levels, serum, man, hepatitis (acute) 1877.
levels, serum, man, influenza virus vaccination effects on 3042.
metabolism, chickens embryo cells/hamsters kidney cells, fowl plague virus/Newcastle disease virus/Semliki Forest virus infection effects 4752.
metabolism, children, hepatitis (acute) effects on 5212.
removal-hepatitis B surface antigen, effects on morphology/antigenicity/polypeptides composition 203.
serum, multiple sclerosis patients, fatty acids levels/composition 458.
structure, vesicular stomatitis virus membranes 666.
vesicles, reconstitution-Sendai virus spikes 6940.
Lipogenesis,
bone marrow cells, corticosteroids induced, murine sarcoma virus infection effects on 7249.
Lipopolysaccharides,
cores defects, phage Felix O resistance Salmonella typhimurium mutants 1551.
role-phage T4 receptors, Escherichia coli 2855.
Shigella flexneri, phages receptors 180.
β-Lipoprotein,
role-elevated haemagglutination inhibition, rubella virus, hyperbilirubinaemia, children, case reports 1710.
Lipoproteins,
levels, serum, hepatitis (acute), man 1119.
serum, man, comparison-hepatitis B surface antigen, electron microscopy 1593.
Liposomes,
carriage-interferon, potentiation-antiviral activity, mouse hepatitis virus 3 infected mice 2362.
encapsulation-poliovirus RNA/infection-cells 6273.
interaction-phage M13 coat protein 2134.
interaction-viruses, review 4736.
Lipovnik virus,
association-neurological diseases/seroepidemiology, man, Czechoslovakia 5254.
Listeria monocytogenes,
murine leukaemia virus induced erythroleukaemia immunotherapy, mice 5131.
phages characterization/isolation 2241.
Listeriosis,
association-adenovirus, influenza virus infection, foetuses/neonates, man 8188.
Liver,
allografts, treatment-hepatitis B surface antigen positive hepatitis (chronic active), case reports 5293.
biopsy, diagnosis-hepatitis, man 5868.
biopsy, hepatitis B core antigen/hepatitis B surface antigen detection, electron microscopy/immunofluorescence/immunoperoxidase test, man 3533.
biopsy, hepatitis B surface antigen detection, orcein staining, man 1068.
biopsy, hepatitis B surface antigen detection, methodology, man 2538.
biopsy, hepatitis B surface antigen detection, stains comparison, man 3729.
biopsy, hepatitis B surface antigen localization, methodology 2539.
biopsy, use-classification/diagnosis/prognosis, hepatitis, man 7329.
calcification, infants, cytomegalovirus congenital infection association 378.
cells, detection-abnormal endoplasmic reticulum, hepatitis (non-A, non-B), Pan troglodytes 7458.
cells, dysplasia, correlation-hepatitis B core antigen/hepatitis B surface antigen detection, cirrhosis/liver tumours, man 3776.
cells, hepatitis B surface antigen secreting, cytotoxicity, hepatitis B surface antigen antibodies 3641.

Liver,(continued)
cells, microscopy (phase contrast), hepatitis B surface antigen carriers/hepatitis (chronic), man 3775.
chickens, adenovirus (avian) pathogenicity, comparison-strains 5327.
chronic diseases, hepatitis B surface antigen positive, treatment, ribavirin 1175.
cirrhosis, association-hepatitis B virus, diagnosis/treatment, children 3213.
cirrhosis, association-hepatitis B virus, hospitals personnel 3215.
cirrhosis, correlation-hepatitis B surface antigen association-liver tumours, man 2529.
cirrhosis, differential diagnosis-hepatitis/hepatitis (acute)/hepatitis (chronic active), man 5866.
cirrhosis, hepatitis B antigen deposition/levels, liver/serum, man 8020.
cirrhosis, hepatitis B virus aetiology, relationship-alcohol 5946.
cirrhosis, immune status/pathogenesis, correlation-hepatitis B surface antigen/antibodies, children 1730.
cirrhosis, liver tumours, man, Taiwan, hepatitis B surface antigen incidence 6005.
cirrhosis, man, Italy, hepatitis B virus aetiology 1883.
detection-hepatitis B surface antigen/pathology, hepatitis (chronic)/liver cirrhosis, man 7332.
detection hepatitis virus, relationship-immune response, hepatitis B, man 3211.
diseases, aetiology, role-cytomegalovirus/Epstein-Barr virus/herpes simplex virus, man 5908.
diseases, diagnosis/treatment, review 1826.
diseases, hepatitis B e antigen/hepatitis B surface antigen immune response (cell-mediated), man 4332.
diseases, incidence, hepatitis B surface antigen carriers 4454.
diseases, man, hepatitis B e antigen/antibodies incidence, correlation-hepatitis B surface antigen 2449.
diseases, patients, hepatits B surface antigen subtypes clustering, families 1917.
diseases, role-hepatitis B virus infection, man, Italy 5948.
diseases, treatment, interferon, man, clinical trials 7912.
diseases/tumours, man, hepatitis B surface antigen incidence 7268.
electron microscopy, diagnosis-hepatitis B 7280.
enzymes/histology, Mustela putorius, influenza virus infection + aspirin intoxication effects on 5345.
frog virus 3 infection, pathology, mice 2002.
function, mice, frog virus 3 infection 6766.
hamsters, Oropouche virus experimental infection pathology 4557.
hepatitis B surface antigen detection, cirrhosis/hepatitis (chronic active)/liver tumours, man, Hong Kong 5217.
hepatitis B surface antigen detection, orcein staining 2540.
hepatitis B surface antigen identification, stains methodology 1066.
hepatitis B surface antigen localization, staining 1828.
histology, relationship-prognosis, hepatitis (chronic persistent), man, review 8249.
necrosis, associated-hepatitis (acute), treatment, man 1941.
necrosis, association-cytomegalovirus mononucleosis, case reports 1085.
necrosis, relationship-aldolase isoenzymes activity, hepatitis, man 4444.
pathology, correlation-hepatitis B core antigen/hepatitis B surface antigen detection, immunoperoxidase test, man 7869.
pathology, hepatitis B, role-immune response (cell-mediated)/immune response (humoral), man 3643.
pathology, hepatitis B surface antigen carriers 8256.
tumours, association-case reports 6703.
ultrastructure, hepatitis B 8258.
Livestock,
India, rabies incidence 3873.
rabies epidemiology/transmission 3875.
viruses diarrhoea, prophylaxis/treatment/vaccination 3878.
Lochnera rosea,
cucumber mosaic virus aetiology-mosaic disease/transmission/properties 1289.
Lolium enation virus,
antigenic relationship-Arrhenatherum blue dwarf virus/oat sterile dwarf virus, immunoelectron microscopy 1598.
Lolium multiflorum,
ryegrass mosaic virus resistance 6801.
Lolium perenne,
chemical composition, ryegrass mosaic virus infection effects on 8446.
clones, resistance-ryegrass mosaic virus infection 7472.
disease reservoirs, barley yellow dwarf virus infection, Oryza sativa 5383.
Louping-ill virus,
ecology, Ixodes ricinus, pathogenesis-Lagopus lagopus scoticus 1971.
infection, Cervus elaphus, captivity, British Isles 487.
pathogenicity, Trypanosoma brucei infection effects on, mice 6096.
transmission, ticks, Lagopus lagopus scoticus 1984.
vaccination, antibody response, immunosuppression-Trypanosoma infection, cattle/mice 7156.
vaccination, antibody response, neonates, sheep 939.
Low-density lipoprotein,
inhibition-haemagglutination, Sendai virus 8030.
Lumbo virus,
antigenic relationship-California encephalitis virus/Jamestown Canyon virus/La Crosse virus/snowshoe hare virus/Tahyna virus/Trivitattus virs 4942.
Lumpy skin disease,
outbreaks, symptoms/treatment, cattle 7406.
Lung,
cell culture, man, influenza A virus persistent infection, haemagglutinin/neuraminidase antigenic characteristics 4954.
complications, influenza virus vaccination, man, case reports 3592.
diseases, children, German Dem. Rep., vaccination 2372.
embryo cells, man, C-type virus induction, uridine (5-iododeoxy) 3715.
exudation, mechanisms, cytomegalovirus infection, mice 2725.
histopathology, cattle, juveniles, bovine rhinotracheitis 7405.
involvement, atypical measles, children, case reports 1113.
mink, varicella-zoster virus susceptibility 583.
proteinosis, association-cytomegalovirus infection + leukaemia, case reports 6629.
retention, cerium, mice, influenza virus infection effects on 3899.
Lupinus luteus,
Poland, bean yellow mosaic virus infection incidence 1303.
strains, bean yellow mosaic virus infection susceptibility 5363.
Lycopersicon,
plant breeding, cucumber mosaic virus/tobacco mosaic virus resistant 6802.
Lycopersicon esculentum,
Agrobacterium tumefaciens + citrus exocortis viroid mixed infection, citrus exocortis viroid RNA accumulation 7467.
chrysanthemum chlorotic mottle viroid/chrysanthemum stunt virus/citrus exocortis viroid/potato spindle tuber viroid, cross-protection/repliation 2039.

IRL©1979

Lycopersicon esculentum,(continued)
India, beet curly top virus infection 8451.
Peru, Peru tomato virus characterization 7507.
proteins, tomato leaf curl virus infection effects on/relationship-resistance 5381.
tobacco mosaic virus/potato virus X infection, role-tomato streak 555.
tomato white necrosis virus infection, inhibition, ribavirin 2457.
tumour cells, citrus exocortis viroid + Agrobacterium tumefaciens infection, citrus exocortis viroid RNA detection 1281.
viruses free seeds production, methodology 7486.
viruses resistance, plant breeding 3339.
Lycopersicon glandulosum,
proteins, tomato leaf curl virus infection effects on/relationship-resistance 5381.
Lycopersicon peruvianum,
proteins, tomato leaf curl virus infection effects on/relationship-resistance 5381.
Lycopersicon pimpinellifolium,
proteins, tomato leaf curl virus infection effects on/relationship-resistance 5381.
Lymantria dispar,
cell lines, nuclear polyhedrosis virus susceptibility 1275.
cytoplasmic polyhedrosis virus antigenic characteristics/RNA properties,comparison-Bombyx mori/Dendrolimus spectabilis 4002.
nuclear polyhedrosis virus, aerial applications, effects on mammals 3329.
nuclear polyhedrosis virus, DNA, physicochemical properties 6227.
nuclear polyhedrosis virus, proteins characterization 6242.
Lymantria fumida,
cytoplasmic polyhedrosis virus, polyhedra ultrastructure, mid-gut epithelium, Bombyx mori 1270.
Lymph,
glycoproteins levels, bovine leucosis effects on, cattle 5121.
Lymph nodes,
detection-hepatitis B surface antigen/pathology, hepatitis (chronic)/liver cirrhosis, man 7332.
Epstein-Barr virus negative, absence-malignancy/association-chromosome 14, Epstein-Barr virus positive nasopharynx tumours 5164.
histopathology, bovine leucosis, cattle 5812.
interferon levels, Newcastle disease virus infection, mice 7115.
morphology, mice, herpes simplex virus 2 infection + phenytoin treatment effects on 8398.
Lymphadenitis,
complications-herpes simplex virus infection, hand, case reports 8196.
induction, vaccinia virus vaccination, rabbits 5016.
Lymphangitis,
complications-herpes simplex virus infection, hand, case reports 8196.
Lymphoblastoid cell lines,
baboons, Herpesvirus papio DNA characterization 7720.
baboons/man, Herpesvirus papio induction-antigens, comparison-Epstein-Barr virus 1334.
birds, susceptibility/ultrastructure, herpes simplex virus 2 infection 6869.
characteristics/establishment, induction, Epstein-Barr virus transformation 1761.
chickens, Marek's disease virus DNA transcription 4119.
cytomegalovirus DNA replication/persistence 7722.
derived from infectious mononucleosis, man, Epstein-Barr virus circular DNA, size 3396.
derived from Marek's disease virus tumours, chickens, Marek's disease virus virus-like particles detection 1012.
Epstein-Barr virus carriers, establishment/characterization/comparison 579.
Epstein-Barr virus carrying, tumorigenicity, athymic nude mice, relationship-karyotypes 8066.
Epstein-Barr virus early antigen biosynthesis, mechanisms/phosphonoacetic acid effects on 3463.
Epstein-Barr virus induction, aminofluorene (N-acetoxy-N-2-acetyl)/diterpenes/hydrocarbons 3712.
Epstein-Barr virus positive, autologous lymphocytes stimulation, man 263.
Epstein-Barr virus positive, chromatin c.d./RNA polymerase activity 2089.
Epstein-Barr virus transformed, autologous lymphocytes cytotoxicity, induction-allogeneic sensitization, man 261.
Epstein-Barr virus transformed, lysosomal acid hydrolase activity 2468.
extracts, effects on herpes simplex virus 1 replication, role-Epstein-Barr virus 3379.
herpes simplex virus transformed, DNA biosynthesis, inhibition, insulin 4351.
herpesvirus (equine) 1 persistent infection 7530.
Herpesvirus papio producer cells, Epstein-Barr virus associated antigens detection 7534.
man, cytomegalovirus infection susceptibility 5420.
man, cytomegalovirus persistent infection 4616.
man, Epstein-Barr virus transformation effects on cell surface glycoproteins 8156.
man, interferon derived from, antigenic characteristics 5640.
man, interferon induction, Newcastle disease virus 7908.
man, interferon production, glycosylation requirements 6477.
man, measles virus infected, interferon activity/induction 1618.
man, measles virus temperature-sensitive mutant isolation, persistently infected 591.
man, transfection, herpes simplex virus 1 DNA 4792.
man, virus-like particles isolation 1059.
Marek's disease, endogenous oncornavirus (avian) expression 5799.
mice, membranes, Rauscher leukaemia virus glycoproteins characterization/morphogenesis 1394.
transformation, Epstein-Barr virus, antibodies production/establishment 8065.
Lymphoblasts,
man, cytomegalovirus persistent infection 6168.
Lymphocytes,
activated, mice, detection, viruses plaque assay 6862.
activation, herpes simplex virus antigens 2433.
adenosine deaminase activity, hepatitis (acute), man 8013.
ageing mice, Sendai virus asymptomatic infection effects on 4563.
allogeneic response, adenovirus (human) 5 infection immunosuppression, mice 3065.
antigens, mice, rabies virus infection effects on 7182.
blast cells transformation, detection-immunity, influenza, man 3089.
blastogenesis, inhibition, herpes simplex virus 2432.
blastogenesis, inhibition-interferon, chromosome 21 trisomy effects on, man 4976.
blastogenesis/receptors, subacute sclerosing panencephalitis effects on, man 6038.
bovine leukaemia virus infected cattle, glucocorticoids effects on 7996.
characterization, cell-mediated cytotoxicity, viruses infected cells, man 2427.
chromosome aberrations, hepatitis B, man 8262.

Lymphocytes,(continued)
colostrum, stimulation, cytomegalovirus, man 7979.
concanavalin A receptors mobility, feline leukaemia virus infection, cats 7999.
cytotoxicity, man, interferon effects on 4256.
cytotoxicity, man, vaccinia virus revaccination 960.
cytotoxicity, relationship-autoantibodies/immunoglobulins levels/prognosis, hepatitis (chronic active), man 283.
cytotoxicity, relationship-histocompatibility antigen HLA, measles virus infected target cells, man 4324.
cytotoxicity, stimulation, interferon, man 2987.
cytotoxicity, transmissible gastroenteritis virus infected target cells, pigs 6531.
cytotoxicity-autologous Epstein-Barr virus transformed lymphoblastoid cell lines, induction-allogeneic sensitization, man 261.
derived from sensitized chickens, inactivation-Marek's disease virus, in vitro 5036.
DNA repair, excision, herpes simplex virus recurrent infection, man 4411.
effects on herpes simplex virus infection, rats neurons, in vitro 6868.
Epstein-Barr virus transformed, tissue typing-cytotoxicity/mixed leucocyte reaction/primed lymphocyte typing 6573.
Fc receptors presence, relationship-antibody-independent natural cell-mediated cytotoxicity, mumps virus infected cells 1678.
Friend leukaemia virus infection/replication, role-mitogens induced DNA biosynthesis 5044.
function, man, feline leukaemia virus proteins effects on 5733.
histocompatibility antigen H-2 incompatible, response, Abelson leukaemia virus induced lymphoma cell lines, mice 270.
Hodgkin's disease/infectious mononucleosis/tonsillitis, Epstein Barr virus antigens detection, man 262.
interaction-Epstein-Barr virus, man 4312.
interferon, chromatography (affinity), characterization 2970.
interferon, comparison-macrophages/fibroblasts, review 2315.
interferon/lymphokines effects on 2306.
interferon producing, characterization, in vitro, influenza virus infection, mice 3569.
levels, blood, bovine leucosis, cattle 5042.
levels, bovine leucosis, cattle 5675.
levels, cattle, bovine leucosis 6578.
levels, man, rubella virus infection 965.
levels, relationship-prognosis, measles, children 3635.
levels/morphology, dogs, adenovirus (canine) infection 6509.
levels/reactivity, man, infectious mononucleosis effects on 8217.
lymphocytic choriomeningitis virus replication, carriers mice 4320.
man, DNA biosynthesis, stimulation, Autographa californica nuclear polyhedrosis virus antigens 3444.
man, Epstein-Barr virus infection, review 4314.
man, Epstein-Barr virus nuclear antigen induction, absence-transformation 2959.
man, interferon induction, Staphylococcus aureus enterotoxins 1623.
man, measles virus infected, measles virus activation 3636.
maternal/neonates, antibodies dependent cytotoxicity herpes simplex virus, man 5714.
mice, binding-Rauscher leukaemia virus glycoproteins, relationship-leukaemogenesis 8119.
mice, Friend leukaemia virus antigens expression 8000.
mice, lymphocytic choriomeningitis virus growth 3896.
mice, murine leukaemia virus xenotropic related cell surface antigens 6593.
mice, parainfluenza virus 1 infection 7553, 7554.
normal/malignant, C-type virus antigens expression, detection, antibody-dependent cell-mediated cytotoxicity, mice 3130.
proliferation, induction-cytomegalovirus, relationship-antibodies levels, man 5716.
proliferation, pigs, transmissible gastroenteritis virus infection 5737.
reactivity, man, hepatitis B surface antigen negative/positive hepatitis 8018.
reactivity, pigs, pseudorabies virus infection/vaccination effects on 7976.
response, in vitro, Corynebacterium parvum/herpes simplex virus, herpes simplex virus infection, man 3618.
response-mitogens, chickens, avian reticuloendotheliosis virus infection effects on 3081.
response-phytohaemagglutinin, levamisole effects on, inhibition, Herpesvirus saimiri induced lymphoma, Aotus trivirgatus 1760.
role-immune response, endogenous C-type virus, mice 5734.
rosette formation, man, hepatitis B 7191.
sensitized, detection, mumps virus meningitis, man 279.
stimulation, concanavalin A, expression-endogenous murine leukaemia virus, mice 6594.
stimulation, dengue virus, in vitro, induction-migration inhibition factor production 5039.
stimulation, viruses antigens 7973.
stimulation-autologous Epstein-Barr virus positive lymphoblastoid cell lines, man 263.
stimulation in vitro, immunity (cell-mediated), herpes simplex virus recurrent infection, man 1696.
suppression, measles virus, absence, role-interferon, multiple sclerosis, man 3848.
transformation, adenovirus/herpesvirus/influenza virus, Down's syndrome, children 3066.
transformation, inhibitors, detection/relationship-prognosis, hepatitis, man 4327.
transformation, use-diagnosis-herpes simplex virus meningitis 6608.
viruses specific, cytolytic/cytotoxic, characterization, measles virus/vaccinia virus vaccination, man 5037.
Lymphocytes B,
activation, Epstein-Barr virus, man 7981.
dependent mitogens, induction-interferon, mice 1612.
derived from rheumatoid arthritis patients, Epstein-Barr virus stimulation/transformation, in vitro 3381.
DNA metabolism, inhibition, Epstein-Barr virus, use-viruses quantitation 1446.
Epstein-Barr virus activated, man, herpes simplex virus replication 5498.
Epstein-Barr virus infected, lymphocytes T cytotoxicity induction, man/in vitro 5030.
function/levels, correlation-influenza virus vaccination failure, geriatrics 3037.
histocompatibility antigen HLA antigenic determinants, infectious mononucleosis, man 5034.
immunoglobulin G secreting, detection, influenza virus, mice 2442.
levels, cerebrospinal fluid, multiple sclerosis/mumps virus meningitis, man 5056.
levels, children, India, viruses infection 6506.
levels, Gross leukaemia virus/Moloney leukaemia virus lymphoma, mice 1036.
levels, hepatitis (acute)/hepatitis (chronic active) effects on, man 5746.
levels, hepatitis (chronic active), man 3640.

IRL©1979

Lymphocytes B,(continued)
evels, hepatitis B, man 5276.
ymphoma, man, role-Epstein-Barr virus infection 1054.
Macaca cyclopis, Epstein-Barr virus infection 3960.
man, Epstein-Barr virus transformation, blastogenesis/DNA biosynthesis/nuclear antigen biosynthesis 6572.
mice, cytomegalovirus infection effects on 7978.
precursors, characterization, Abelson leukaemia virus transformed cell lines, hamsters/mice 6599.
precursors specificity, mice, influenza A virus infection, monoclonal antibody response 273.
ratio-lymphocytes T, mice, influenza virus infection 8008.
role-endogenous/exogenous C-type virus expression, Rous-associated virus 1 infected chickens 4359.
role-herpes simplex virus 1 infection immune response (cell-mediated), man 950.
role-immune response, rabies virus infection, mice 970.
role-measles virus/vaccinia virus vaccination, man 7128.
transformation, man, enhancement, gibbon ape leukaemia virus/simian sarcoma virus 5158.
Lymphocytes T,
alloreactivity depleted, lysis-influenza virus infected target cells, histocompatibility antigen H-2 different 272.
antiviral activity, role-histocompatibility antigen H-2, mice 4300.
characterization, vesicular stomatitis virus replication, immune response, infected mice 3087.
cooperation-lymphocytes T, cell-mediated cytotoxicity, SV40 transformed cells, mice 6508.
cytolytic, induction, Moloney sarcoma virus, sensitized spleen cells, mice 1715.
cytolytic, recognition-vaccinia virus infected cells, mechanism, role-histocompatibility antigen H-2 266.
cytotoxic, induction, influenza virus antigens, specificity 2439.
cytotoxic, induction, role-S1 gene, reovirus infection, mice 3626.
cytotoxic, parainfluenza virus 1 induced, viruses antigens recognition, mechanisms, mice 4326.
cytotoxic, recognition-vaccinia virus, role-histocompatibility antigen H-2, mice 5038.
cytotoxic, responsiveness-Sindbis virus, association-histocompatibility antigen H2, mice 6521.
cytotoxic, role-immune response, influenza virus infection, mice 4323.
cytotoxic, specificity, influenza A virus, man 5740.
cytotoxic, transfer, influenza virus immunization (passive), mice 3573.
cytotoxic, viruses specific, induction, Sendai virus proteins reconstitution-cell membranes 4325.
cytotoxicity, Epstein-Barr virus, infectious mononucleosis, man 5030.
cytotoxicity, genetics, mice, SV40 antigen (tumour-specific) 7209.
cytotoxicity, histocompatibility antigen H-2 restriction, target antigens identification, vesicular stomatitis virus infected cells, mice 2438.
cytotoxicity, histocompatibility antigen HLA recognition, man, influenza virus 8005.
cytotoxicity, induction mechanism, mice, ectromelia virus/vaccinia virus infectiow 1704.
cytotoxicity, influenza A virus infected cells, membranes antigens, mice 8009.
cytotoxicity, influenza virus infected cells, histocompatibility antigen HLA effects on, man 3631.
cytotoxicity, influenza virus infected cells, role-histocompatibility gene HLA, man 7184.
cytotoxicity, inhibition-Freund's adjuvant, SV40 induced tumours, mice 4342.
cytotoxicity, interferon effects on 2979.
cytotoxicity, mice, influenza virus infection 7185.
cytotoxicity, murine sarcoma virus induced tumours, in vitro, mice 8001.
cytotoxicity, role-histocompatibility antigen H 2, mice, SV40 transformed cells 7166.
cytotoxicity, role-histocompatibility antigen H-2/specificity, influenza A virus haemagglutinin, in vitro 7187.
cytotoxicity, Sendai virus infected cells, mice, histocompatibility antigen H-2 effects on 3637.
cytotoxicity, specificity-allogeneic/TNP modified/viruses infected cells, mice 7162.
cytotoxicity, viruses infection, review 7164.
dependent mitogens, induction-interferon, mice 1612.
derived from Friend leukaemia virus latent infection, mice, cytotoxicity, Friend erythroleukaemia cells 6527.
histocompatibility antigen HLA antigenic determinants, infectious mononucleosis, man 5034.
immune response, role-histocompatibility antigen H-2, mice chimaeras, ectromelia virus infection 5723.
immune response, role-histocompatibility antigen H-2, mice, influenza virus/vaccinia virus 5741.
immunity (cell-mediated), mice, influenza virus infection 973.
immunosuppression, mice, dengue virus 2 infection 6522.
induction-lymphocytic choriomeningitis virus/Sendai virus/vaccinia virus, role-histocompatibility antigen H-2, mice 3630.
induction-Sendai virus-infected syngeneic cells, cytotoxicity-allogeneic target cells, mice 2446.
killer cells, Epstein-Barr virus specific, detection, infectious mononucleosis patients 6516.
levels, cerebrospinal fluid, multiple sclerosis/mumps virus meningitis, man 5056.
levels, children, India, viruses infection 6506.
levels, Gross leukaemia virus/Moloney leukaemia virus lymphoma, mice 1036.
levels, hepatitis (acute)/hepatitis (chronic active) effects on, man 5746.
levels, hepatitis (chronic active), man 3640.
levels, hepatitis B, man 5276.
levels, mice, herpes simplex virus 2 infection + phenytoin treatment effects on 8398.
levels, multiple sclerosis 464.
levels/subpopulations characterization, man, infectious mononucleosis 6514.
Macaca cyclopis, Epstein-Barr virus infection 3960.
mice, cytomegalovirus infection effects on 7978.
ontogeny, mice, C-type virus infection 1783.
ratio-lymphocytes B, mice, influenza virus infection 8008.
response, kinetics/specificity, influenza A virus infection, mice 3632.
role-cell-mediated cytolysis, adenovirus infection, cells, mice 1692.
role-hepatitis B virus persistent infection recovery, man 3096.
role-herpes simplex virus 1 infection immune response (cell-mediated), man 950.
role-immune response, rabies virus infection, mice 970.
role-interferon stimulation-antibody response, mice 2986.
role-Marek's disease virus vaccines efficacy, Marek's disease virus induced tumours transplantation, chickens 3054.
vesicular stomatitis virus replication, role-antibody response, infected mice 3088.
Lymphocytic choriomeningitis virus,
antibodies, neutralization, detection, methodology 3518.
disease reservoirs/epidemiology, hamsters 6072.

Lymphocytic choriomeningitis virus,(continued)
experimental infection, EEG changes/pathology, mice 4558.
experimental infection, mortality, Bordetella pertussis vaccination effects on, mice 6773.
growth, lymphocytes, mice 3896.
induced glomerulonephritis, mice, pathogenesis, role-interferon 215.
induction-cytotoxic lymphocytes T, role-histocompatibility antigen H-2, mice 3630.
induction-interferon, mice 2342.
infection, association-histocompatibility antigen H-2, mice 4321.
infection, immune response (cell-mediated) decrease, mice 1717.
infection, killer cells induction, mice 271.
infection, natural killer cells specificity, mice 6530.
infection, pathology-kidney, mice 5342.
infection, prognosis, relationship-immune response development, mice 5049.
mixed infection-tick-borne encephalitis virus, interference/interferon induction, interference/L cells-embryo cells 2098.
persistent infection, effects on membrane structure, rats cells 5112.
persistent infection, establishment/recovery, mechanisms, MDCK cells 7544.
proteins structure 61.
purification, density gradients centrifugation 3373.
replication, lymphocytes, carriers mice 4320.
replication sites-skin, guinea-pigs/hamster/rabbits 7450.
Lymphocytosis,
associated-cytomegalovirus mononucleosis, man, case reports 3743.
use-diagnosis-bovine leucosis, cattle 3127.
Lymphoedema,
complications-herpes simplex virus infection, hand, case reports 8196.
Lymphoid cell lines,
Epstein-Barr virus nonproducer cells, establishment 6872.
herpesvirus transformed, cell surface glycoproteins, biochemical analysis 5100.
Marek's disease virus transformed, avian sarcoma virus restriction 1014.
mice, Moloney leukaemia virus positive, mink cell focus-inducing virus derived from, biological properties 4384.
Lymphoid cells,
carrying Epstein-Barr virus, surface antigens detection 201.
interaction-Epstein-Barr virus, fluorescence polarization studies 3435.
man, Epstein-Barr virus induced membranes antigens, characterization/isolation 8157.
Lymphoid tissues,
histology during SV40 induced tumours growth, hamsters 5093.
Lymphokines,
effects on lymphocytes, comparison-interferon 2306.
production, children, measles virus infection effects on 278.
Lymphoma,
association-viruses infection, kidney transplantation, man, case reports 381.
avian reticuloendotheliosis virus induced, chickens 8081.
azathioprine induced, mice, absence-ecotropic murine leukaemia virus 5136.
C-type virus induced, platelets ultrastructure, Macaca arctoides 3669.
cell lines, Abelson leukaemia virus induced, histocompatibility antigen H-2 incompatible lymphocytes response, mice 270.
cell lines, Epstein-Barr virus negative, conversion, Epstein-Barr virus receptors levels, relationship-biological properties-viruses-converion 4617.
cells, mice, Moloney leukaemia virus induced cell surface antigens characterization 8113.
feline leukaemia virus, association-glomerulonephritis, cats 1778.
feline leukaemia virus, cats 1777.
Friend leukaemia virus induced, immunosuppression, mice 327.
Gross leukaemia virus induced, antigen (tumour-associated) characterization, rats 3134.
Gross leukaemia virus induced, circulating immune complexes characterization, rats 3692.
Gross leukaemia virus induced, complement activation/depletion effects on, rats 5735.
growth, Marek's disease virus vaccination effects on, chickens 7958.
Herpesvirus saimiri, inhibition-levamisole effects on lymphocytes response-phytohaemagglutinin, Aotus trivirgatus 1760.
induced Marek's disease virus, antigen (tumour-associated) characterization, chickens 8067.
induction, Gross leukaemia virus/Moloney leukaemia virus, lymphocytes B/lymphocytes T levels/viruses antigens expression, mice 1036.
induction, radiation leukaemia virus, athymic nude mouse 4362.
man, immune response (cell-mediated), varicella-zoster virus infection 5722.
man, treatment/role-viruses 336.
man, viruses aetiology 335.
mice, C-type virus assembly/release, ultrastructure 8094.
mice, Friend leukaemia virus antigens expression 8000.
Moloney leukaemia virus, antigens, expression, relationship-sensitivity-cell-mediated cytotoxicity, mice 4372.
Moloney leukaemia virus induced, antigen (tumour-associated), mice 3135.
Papio hamadryas, Herpesvirus papio antibody response 5048.
patients, cytomegalovirus infection, optic nerve, case reports 6630.
patients, Epstein-Barr virus immunity (cell-mediated), relationship-immunity (humoral) 3623.
relationship-Epstein-Barr virus infection, man 3624.
role-viruses, man 8139.
role-viruses infection, man/cats, review 5126.
spontaneous, incidence, role-murine leukaemia virus expression, Fv-1 gene control, mice 2488.
spontaneous, Macaca mulatta, virus-like particles detection 5156.
thymus, mice, detection-AKR leukaemia virus receptors 6592.
tumour cells, Moloney leukaemia virus induced, immune response/rejection, mice 8116.
viruses, hamsters 6585.
Lymphoproliferative diseases,
chemotherapy, man, effects on influenza virus vaccination efficacy 7142.
man, DNA polymerase (RNA-dependent) activity, leucocytes/spleen cells 8137.
turkeys, C-type virus isolation/physicochemical properties 5104.
Lymphosarcoma,
Abelson leukaemia virus induced, immunoglobulins production, mice 8097.
cattle, cell lines derived from, bovine leukaemia virus

IRL©1979

ymphosarcoma,(continued)
induction 5118.
kin, cattle, role-bovine leukaemia virus 7231.
upaia belangeri, herpesvirus derived from, DNA, restriction endonuclease EcoRI analysis 6912.
ynoestrenol,
ombination-Staphylococcus aureus, effects on growth-herpes simplex virus 1 induced tumours, hamsters 309.
ynx rufus,
abies virus seroepidemiology, USA, Virginia 5317.
yosomes,
ole-influenza virus acute infection/chronic infection, in vitro 4729.
ysergic acid diethylamide,
ffects on phage γ recombination/replication 164.
ysin,
ctivity/role infection, phage φ6 virions 6231.
ysine,
omplex-poly (I.C), induction-interferon, dogs 7120.
-(γ-glutamyl)Lysine,
sopeptide bonds, SV40 transformed WI-38 cells 1752.
-Lysine,
reatment-herpes simplex virus recurrent infection, genital tract, man, clinical trials 1934.
oly L-Lysine,
nodification poly (I·C), effects on interferon induction 894.
ysis,
Brevibacterium, batch culture/continuous culture, phages infection 2927.
Escherichia coli, phages ghosts, assays 2922.
nutants, phage T3, Escherichia coli 171.
ysogeny,
lue-green algae 2025.
Clostridium botulinum, review 2235.
ffects on Bacillus megaterium growth 1544.
Escherichia coli, phage λ, induction, radiation (u.v.), diaminopimelic acid requirements 1554.
Escherichia coli, phage λ cIII gene mutants characterization 4897.
Escherichia coli, phage P2 temperature-sensitive mutant 2936.
Haemophilus influenzae 7839.
Klebsiella pneumoniae, conversion expression regulation, phage AP3/phage FR2 1550.
Klebsiella pneumoniae, morphology, correlation-superinfection resistance loss, phage AP3/phage FR2 1549.
aintenance, Escherichia coli, phage P1, role-plasmids 5590.
Mycobacterium 840, 4199.
Mycobacterium lacticolum, association-DNA base composition 835.
hage β, Corynebacterium diphtheriae suppressors strains 6396.
hage λ rex gene effects on, Escherichia coli 5585.
hage PA-2, effects on Escherichia coli membranes proteins 4899.
roteus 1547.
hizobium japonicum 5581.
hizobium trifolii, role-strains competition 4195.
treptococcus 4197.
ysophosphoglyceride biosynthesis,
mbryo fibroblasts, chickens, Rous sarcoma virus infection/transformation effects on 1018.
ysosomal acid hydrolase,
ctivity, Epstein-Barr virus transformed lymphoblastoid cell lines 2468.
ysosomal enzymes,
vels, serum, mice, frog virus 3 infection 6766.
poliovirus infected HEp-2 cells, enucleated effects on 4050.
role-cytopathic effects, herpes simplex virus/vaccinia virus/vesicular stomatitis virus 5417.
Lysozyme,
levels, cerebrospinal fluid, herpes simplex virus meningoencephalitis, man 3166.
levels, cerebrospinal fluid, man, meningitis 8184.
low molecular weight substrates, phage T4 7683.
thermal stability, phage T4 7682.
Lyssavirus,
infection, detection, nerves/muscles, hamsters 1263.
Lytechnicus pictus,
immune response, phage T4 infection 5024.
Lytic enzymes,
activity, phage φ6 5460.

Macaca arctoides,
C-type virus, related sequence, occurrence carnivores DNA 5157.
C-type virus induced lymphoma, platelets ultrastructure 3669.
varicella outbreaks, antibody response 8371.
Macaca cyclopis,
Epstein-Barr virus infection, lymphocytes B/lymphocytes T 3960.
Macaca fascicularis,
canine distemper virus/measles virus experimental infection, antibody response, cerebrospinal fluid 6109.
rabies virus infection, treatment, interferon 6480.
Macaca irus,
animal models, evaluation-poliovirus vaccines neurovirulence 913.
Macaca mulatta,
adenovirus isolation/physicochemical properties 5479.
animal models, evaluation-poliovirus vaccines neurovirulence 913.
Ebola virus strains experimental infection, pathology, ultrastructure 6102.
endogenous C-type virus characterization/isolation 8135.
foetal kidney cells, hepatitis A virus growth 5443.
foetuses, mumps virus experimental infection, induction-congenital hydrocephalus 6785.
hepatitis B virus incidence/immune response/transmission 2714.
immune/non-immune, adenovirus (simian) 20 infection antibody response 5712.
kuru, EEG studies 7393.
Machupo virus experimental infection, blood pressure/coagulation system 4559.
spontaneous lymphoma, virus-like particles detection 5156.
subacute sclerosing panencephalitis experimental infection, immune response 1950.
varicella outbreaks, antibody response 8371.
Venezuelan equine encephalitis virus vaccines, poly(I.C) derivatives adjuvants 6503.
Venezuelan equine encephalitis virus virulence, correlation-vascular clearance 1256.
Macaca rhesus,
cell culture attenuated mumps virus neurovirulence 6110.
Macana disease,
Furcraea, viruses characterization/transmission/symptomatology 78.
Machupo virus,
experimental infection, blood pressure/coagulation system, Macaca mulatta 4559.
infection, pathology, Cercopithecus aethiops 1258.

Machupo virus,(continued)
structural proteins characterization 653.
vaccines, development/efficacy, Bolivian haemorrhagic fever, monkeys 3585.
Maclura mosaic virus,
characterization/classification 7498.
α_2-Macroglobulin,
deficiency, use-prognosis-hepatitis, man 6722.
Macrophages,
activation, interferon, inhibition-hydrocortisone/prostaglandins, mice 7914.
antitumour activity, murine sarcoma virus infected mice 5736.
binding-antigens, mice, lactic dehydrogenase virus infection effects on 4318.
cell culture, horses, herpesvirus (equine) 2 persistence 1333.
cell lines, mice, Abelson leukaemia virus transformed, characterization 1039.
chemiluminescence, phagocytosis, mice, cytomegalovirus/vaccinia virus infection effects on 953.
chickens, oncornavirus (avian) persistence 5800.
cytotoxicity, polyoma virus/SV40 transformed cell lines, mice/rats 298.
Friend leukaemia virus infection, relationship-spontaneous regression, erythroleukaemia, mice 5828.
hepatitis B surface antigen uptake, in vitro, immunofluorescence 6454.
inhibition, effects on herpes simplex virus 2 infection, systemic/vagina, mice 4545.
interferon, comparison-lymphocytes/fibroblasts, review 2315.
interferon release, spleen cell cultures, mice 2976.
lung, influenza virus interaction, mice, in vitro 6881.
lung, lysosomal enzymes, parainfluenza virus 1 pneumonia, mice 6538.
lung, man, cytomegalovirus/herpes simplex virus replication, in vitro 7528.
maternal/neonates, antibodies dependent cytotoxicity, herpes simplex virus infection, man 5714.
maternal/neonates, herpes simplex virus infection, man 5714.
mice, herpes simplex virus 1 replication, relationship-herpes simplex virus 1 infection susceptibility 5418.
mice, interaction-influenza A virus, in vitro 3634.
mice, parainfluenza virus 1 infection 7552, 7554.
Mill Hill virus 2 replication 7593.
phagocytosis, interferon effects on 2305.
phagocytosis, regulation, role-interferon 2977.
phagocytosis, role-interferon, Newcastle disease virus infection, mice 214.
role-cytomegalovirus infection, mice, in vitro/in vivo 260.
role influenza A virus infection associated immunosuppression, man 3092.
role-Marek's disease virus infection susceptibility, chickens 7988.
Macropus giganteus,
poxvirus infection, skin 8351.
Macropus parma,
herpesvirus isolated, seroepidemiology, marsupials, Australia 1218.
Macrosiphum avenae,
transmission-barley yellow dwarf virus 2080.
Maedi,
incidence, sheep, Hungary 5297.
Maedi virus,
antibodies, detection, complement fixation/immunodiffusion/immunofluorescence, goats/sheep 4990.
epidemiology, role-transmission (vertical), sheep 8380.
infection, diagnosis, complement fixation/histology/immunodiffusion, sheep 1954.
infection, sheep, Canada 1204.
Magnesium,
cations, stabilization-turnip rosette virus 80.
effects on growth-SV40 transformed cells 4347.
effects on phage QB read-through protein biosynthesis, cell-free system 7673.
Magnesium chloride,
effects on Bombyx mori cytoplasmic polyhedrosis virus stability 672.
Magnetic fields,
treatment-hepatitis, man 2669.
Maize chlorotic dwarf virus,
control, Zea mays, resistance breeding 551.
diagnosis, Sorghum halepense/Zea mays, enzyme-linked immunosorbent assay 3333.
incidence, Zea mays, USA, Pennsylvania 3356.
infection, diagnosis, immunofluorescence, Zea mays 3536.
Maize dwarf mosaic virus,
control, Zea mays, resistance breeding 551.
diagnosis, Sorghum halepense/Zea mays, enzyme-linked immunosorbent assay 3333.
epidemiology/host range/transmission, USA, North Dakota 2753.
host range/physicochemical properties 7469.
incidence, Zea mays, USA, Pennsylvania 3356.
infection, susceptibility, Zea mays, age effects on 4577.
resistance, chromosomes requirements, Zea mays 2747.
Maize mosaic virus,
physicochemical properties/purification 5490.
Maize rough dwarf virus,
infection, Zea mays ultrastructure, detection-vacuoles/corn 5382.
Maize streak virus,
infection, Zea mays, effects on yield 3345.
Major histocompatibility complex,
mice, relationship-AKR leukaemia susceptibility 8121.
Makola virus,
infection, pathology/replication, nervous system, mice 5343.
Malacosoma americanum,
virus-like particles injection during Hyposoter fugitivus fugitivus oviposition 5352.
Malaria,
association-hepatitis A/hepatitis B, man, Greece 2638.
concurrent-hepatitis B/infectious mononucleosis, man, case reports 417.
Malaysia,
Darna trima viruses antibodies detection, man 6697.
dengue virus control/epidemiology, man 4482.
dengue virus ecology/epidemiology/transmission, review 4484.
dengue virus haemorrhagic fever control/epidemiology, man 3232.
Male-specific phages,
efficiency of plating, Escherichia coli, Clo DF13 genes effects on 5580.
Maleic anhydride,
copolymers-acrylic acid, antiviral activity/effects on interferon production in vitro/in vivo, correlation-molecular weight, absence 3099.
Mali,
influenza A virus seroepidemiology, man 439.
Malignant catarrhal fever,
mouth lesions, histopathology 6738.
outbreaks, Cervus elephus 6742.
treatment, levamisole, Bos frontalis gaurus 4540.
Malignant catarrhal fever virus,
early antigen, antibody response, cattle/rabbits 3620.

IRL©1979

Malignant catarrhal fever virus,(continued)
experimental infection, clinical manifestations/pathology, cattle 1995.
isolation, Bos bonasus/transmission-cattle/rabbits/sheep 8370.

Malignant transformation,
epidermodysplasia verruciformis, contraindications-treatment, man 3707.
Malnutrition,
association-measles, man, Africa 7319.
children, measles, pneumonia complications 1871.
children, tropical environments, measles virus bronchopneumonia 7316.
concurrent cytomegalovirus infection, associated immunosuppression, mice 952.
effects on measles virus vaccination, children 7147.
relationship-prognosis, measles, children 6655.
Malpighian tubule,
Panstrongylus megistus/Triatoma infestans, virus-like particles characterization/detection 5351.
Malus,
growth, viruses infection effects on 1286.
Malus pumilus,
beverages, antiviral activity 5064.
Mammalian cells,
Rous sarcoma virus transformed, virus-specific RNA, nucleotide sequence 3123.
Mammals,
USSR, Chukotka, tick-borne encephalitis ecology 3300.
Mammary gland,
C57BL/6 mice, epithelium cell lines derived from, mammary tumour virus infection 1342.
development, mice, mammary tumour virus RNA expression during 4383.
epithelium cells, floating, mice, mammary tumour virus + simultaneous casein production 5153.
mammary gland tumours, rats, 7,12-dimethylbenz(a)anthracene induction, xenotrophic C-type virus (murine) infection effects on 1029.
pregnancy, rats, immune response, parvovirus (rat) infection 5710.
tumour cells, mice, A-type particles DNA occurrence 8069.
tumourigenesis, BALB/c mice, mammary tumour virus expression during 4382.
Mammary tumour virus,
A-type particles, antibodies, detection, breast tumours, man 1819.
antibodies/antigens levels, normal/tumour-bearing mice 3137.
antigen (tumour-associated), detection, breast tumours cell lines, man 4393.
antigen (tumour-associated), expression, extracellular membrane vesicles, leukaemia GRSL cells, mice 5835.
antigens, detection, immunodiffusion, milk, man 5857.
carcinogenesis, role-induction, hormones, mice 3703.
cores, A-type particles precursors 159.
DNA, distribution-chromosomes, mice 4819.
DNA, integration-proviruses positive/negative mammary gland tumours, mice 4141.
DNA, integration sites characterization, transcription, hepatoma cells, rats 4142.
DNA-binding protein, antigenic characteristics/purification 1506.
endogenous, expression, mice strains 5155.
endogenous, release, control, genetic analysis, mice 2499.
endogenous DNA, comparison-feral/normal mice 4820.
env gene/gag gene mRNA translation 5540.
expression, during mammary gland tumourigenesis, BALB/c mice 4382.
expression, tumour cell lines, BALB/c cells, dexamethasone effects on 8130.
expression, tumour cells, heterogeneity, mammary gland tumours, mice 1799.
genes transcription, regulation, cell culture 7758.
γ-glutamyltransferase, characterization/purification 6239, 7620.
glycoproteins, antigenic relationship-man breast tumours antigens 7881.
glycoproteins, characterization/purification 6936.
host range variants, characterization/isolation 1796.
immunity (cell-mediated), breast tumours, man 967, 2526.
immunity (cell-mediated), mammary gland tumours, mice 5047.
immunization (passive), mice 908.
induced tumours, development, mice, BCG effects on 1801.
infection, epithelium cell lines derived from C57BL/6 mice mammary gland 1342.
intracellular RNA, structure analysis 6350.
membranes, glycolipid composition 7637.
phosphoproteins, characterization 2803.
phosphoproteins, purification, methodology 7513.
polypeptides, localization, tumour cells surface, mice 5836.
precursors polypeptides, phosphorylation 5539.
production, MJY-*a* cells, modulation 2096.
production, simultaneous-casein production, floating mammary gland epithelium cells, mice 5153.
production/purification, absence-endogenous murine leukaemia virus, tumours, mice 3372.
proteins, characterization/isolation 2804.
proteins, radioimmunoassay, specificity 5676.
proviruses DNA sequence, detection, mammary gland tumours, mice 7247.
related antigens, detection, man 8161.
related B-type virus, characterization/isolation, Mus cervicolor popaeus 3368.
related DNA sequence, distribition, rats 8131.
replication/budding, cell lines, Mm5mt/c_1 cells, electron microscopy 797.
RNA, detection, BALB/c mice tumour cell lines 1800.
RNA, expression during mammary glanddevelopment, mice 4383.
RNA, expression-mammary gland cells, mice 2210.
mRNA, translation, cell-free system 4818.
RNA biosynthesis, embryos carcinoma cells/teratocarcinoma myoblasts 7005.
RNA biosynthesis, hormones/radiation (X)/urethane induced mammary tumours, mice 8129.
mRNA detection, producer cells, mice 4821.
RNA translation, precursors polypeptides phosphorylation 1507.
specific antiviral activity, detection, serum, breast tumours patients 8160.
strains, binding-plants lectins conjugate-ferritin, tumour cells, mice 4381.
strains, susceptibility, mice hybrids 1798.
structural protein, tryptic peptide analysis, comparison-strains 60.
structural protein characterization 7621.
transformed cells, adenosine (5′-deoxy-5′-S-isobutyl) effects on 1795.
transmission, mice 1042.
transmission, mice, use-nucleic acids hybridization, review 2500.

Mammary tumour virus,(continued)
tumourigenesis, C3H mice sublines 332.
virions, structural protein, spatial distribution 7619.
Man,
cervix tumours, role-herpes simplex virus 2 infection, review, epidemiology 1811.
hepatitis A outbreaks 8312.
prognosis, antibodies 7193.
review 6036.
treatment-condyloma acuminatum, case reports 3706.
Mania,
presentation-herpes simplex virus encephalitis, man, case reports 8199.
Manihot esculenta,
African cassava mosaic transmission (mechanical) 2054.
Manihot glaziovii,
African cassava mosaic disease virus resistance inheritance, association-cassava blight resistance 2744.
α-D-Mannosidase,
activity, intermediates, vesicular stomatitis virus G protein, oligosaccharides 669.
Mapping,
adenovirus (bovine) 3 DNA, restriction endonuclease cleavage 38.
adenovirus (human) 12 DNA transcription 744.
adenovirus (human) 5 host range mutants/temperature-sensitive mutant 2225.
adenovirus genes controlling paracrystals formation 1535.
avian leucosis virus genomes, use-competition, endogenous/exogenous viruses 1539.
BK virus DNA, restriction endonuclease cleavage 33.
DNA, phage Mu, S gene/U gene 3390.
herpes simplex virus 1 mutation, marker rescue 176.
K virus, comparison-polyoma virus 4658.
murine leukaemia virus induction loci, mice 323.
phage λ DNA, RNA polymerase binding sites, electron microscopy 97.
phage φX174/phage St-1/phage G4 DNA, restriction endonuclease cleavage 608.
phage φ105 DNA, restriction endonuclease/genes 604.
phage BF23 tRNA genes 805.
phage St-1 DNA, restriction endonuclease cleavage 607.
rabies virus RNA transcription 777.
restriction endonuclease cleavage, DNA, phage SPP1 transcription in vitro 6309.
SV40 early DNA fragments 2119.
SV40 spliced late RNA 125.
Mapping (genetic),
phage φ80 2222.
visna virus 826.
Mapping (physical),
adenovirus (human) 2 temperature-sensitive 2224.
DNA, herpes simplex virus 1 x herpes simplex virus 2 recombinants 820.
foot and-mouth disease virus RNA 631.
herpes simplex virus 1 temperature-sensitive mutant, markers rescue 822.
herpes simplex virus 1 x herpes simplex virus 2 recombinants DNA 622.
Maranta leuconeura kerchoveana,
cucumber mosaic virus infection, symptoms 6810.
Marburg disease,
control/epidemiology/transmission, man 5976.
epidemiology/control 1147.
outbreaks, epidemiology/transmission, man, Rhodesia 5260.
pathology, comparison-Ebola virus haemorrhagic fever, man 3764.
Marburg disease virus,
classification 3369.
classification/physical properties 3420.
detection-serological tests/physical properties, comparison-Ebola virus, man/guinea-pigs 3421.
haemorrhagic fever, clinical manifestations/diagnosis/epidemiology/prophylaxis, man, review 8238.
haemorrhagic fever, diagnosis/epidemiology, man 2629.
haemorrhagic fever, pathology/transmission/treatment, man 3766.
infection, control, safety laboratories 3834.
infection, diagnosis, complement fixation/immunofluorescence, man 3521.
infection, diagnosis/risks, travellers 1824.
infection, laboratory animals, monkeys 8364.
infection, symptoms, man 8239.
nosocomial infection, man 4456.
vaccines, development 3585.
Marek's disease,
bursa of Fabricius lesions, chickens 484.
cell lines derived from, antigenic characteristics 2289.
control/economic importance, chickens, USA 3880.
course/incidence, chickens origin/hygiene/vaccination effects on 3284.
diagnosis/epidemiology, chickens, Hungary 1979.
effects on brain DNA/lipids/proteins/RNA levels, chickens 5306.
herpesvirus (turkey) vaccination, chickens 2410.
lymphoblastoid cell lines, endogenous oncornavirus (avian) expression 5799.
prophylaxis, interferon induction + vaccines, efficacy, chickens 4262.
resistant/susceptible chickens, serum proteins levels 1965.
tumours, cell culture derived from, characterization 2090.
tumours development, cyclophosphamide/dexamethasone effects on, chickens 5796.
vaccination failure, chickens 4291.
vaccines, efficacy/safety, comparison, chickens 4293.
Marek's disease virus,
antigens, detection, immunodiffusion, feathers extracts, chickens 4908.
antigens, quantitation, immunoelectrophoresis (rocket) 2941.
disinfection, poultry dust 3101.
DNA, comparison-herpesvirus (turkey) 4673.
DNA, homology-herpesvirus (turkey) 4671.
DNA, transcription, lymphoblastoid cell lines, chickens 4119.
experimental infection, serum/nervous system cholinesterase/lactate dehydrogenase/alkaline phosphatase levels, chickens 533.
inactivation, lymphocytes derived from sensitized chickens, in vitro 5036.
induced lymphoma, antigen (tumour-associated) characterization, chickens 8067.
induced tumour cell lines, chickens, complement dependent antibodies cytotoxicity 7987.
induced tumours, development/rejection, genetic factors, chickens 5797.
induction-atherosclerosis, chickens 483.
infected kidney cells, chickens, cytotoxicity, lymphocytes, herpesvirus (turkey) vaccinated chickens 5721.
infection, antibody response, chickens 957.
infection, antigen (tumour-associated) appearance, chickens 3118.
infection, epidemiology, chickens 5853.
infection, immunosuppression, spleen cells, chickens 956.
infection, pathogenesis, relationship-immune response/tumorigenicity, chickens 8068.
infection, susceptibility, role-macrophages, chickens 7988.

IRL©1979

Marek's disease virus,(continued)
integrated DNA, tumour cell lines, chickens 7725.
nononcogenic, antigen (tumour-associated) presence, infected chickens 2960.
reconstituted vaccines, stability 935.
seroepidemiology/transmission, chickens 2702.
susceptibility, chickens lines 2469.
transcription control, Marek's disease virus induced tumours, chickens 4795.
transformed lymphoid cell lines, avian sarcoma virus restriction 1014.
tumours, enhancement-endogenous oncornavirus expression, specific pathogen free chickens 5102.
vaccination, antibody response, chickens, antibodies-maternal transfer effects on 934.
vaccination, bursectomized chickens 936.
vaccination, effects on lymphoma growth, chickens 7958.
vaccination, efficacy, administration routes effects on, chickens 4292.
vaccination, immunity, chickens 1684.
vaccines, avian reticuloendotheliosis virus contamination, pathogenesis, chickens 243.
vaccines, contaminants, avian reticuloendotheliosis virus isolation/infectivity, chickens 7959.
vaccines, efficacy, Marek's disease virus induced tumours transplantation, role-lymphocytes T, chickens 3054.
vaccines, evaluation, methodology 5015.
vaccines, induction-immunity (cell-mediated)-Marek's disease tumour cells, chickens 5696.
variants, vaccines, efficacy, chickens 7153.
virus-like particles, detection, lymphoblastoid cell lines derived from Marek's disease virus tumours, chickens 1012.

Maridi virus,
haemorrhagic fever, clinical manifestations/epidemics/pathology/transmission, man, Sudan 4433.
Marmosets,
cell lines, herpesvirus (simian) carrying, herpesvirus (simian) nuclear antigen detection 5625.
Marmota monax,
hepatitis B virus virus-like particles association-hepatitis/liver tumours 1212.
rabies, differential diagnosis-nematodosis/indicence, USA 4518.
Marsupials,
Australia, herpesvirus isolated-Macropus parma, seroepidemiology 1218.
Mason-Pfizer monkey virus,
antigenic characteristics, comparison-Mason-Pfizer monkey virus-like oncornavirus 5628.
antigenic relationship-oncornavirus (avian)/oncornavirus (bovine)/oncornavirus (equine)/squirrel monkey virus/visna virus 2965.
antigens, comparison-Saimiri sciureus oncornavirus (simian) 883.
antigens, neutralization, serum-kidney diseases patients 1600.
immunofluorescence, use-trypan blue 7866.
induced cell fusion, kinetics/relationship-viruses replication cycles 6876.
infection, immune response (cell-mediated), man 7179.
isolation, kidney transplantation patients 5166.
proteins, comparison-oncornavirus (simian)-langur monkeys/squirrel monkeys 1395.
proviruses sequence, detection, placenta, Macaca mulatta 7253.
replication, in vitro, inhibition-interferon 6475.

Mastomys natalensis,
Nigeria, Lassa fever virus antibodies incidence 3870.
papilloma virus characterization 1418.
rabies virus asymptomatic persistent infection 1974.
Mathematical models,
disease spread/disease transmission 4457.
equine infectious anaemia/hog cholera morbidity, horses/pigs 2691.
rabies development risks 397.
sowthistle yellow vein virus transmission (vertical), Hyperomyzus lactucae 2741.
viruses pathogenicity 7340.
Maturation,
Aedes aegypti densonucleosis virus, electron microscopy 6370.
defects, identification, vesicular stomatitis virus temperature-sensitive mutant replication, neurons, mice 7787.
influenza virus, restriction, comparison-HeLa cells/MDBK cells 4850.
Moloney leukaemia virus 4848.
mutants, isolation/characterization, phage T4 172.
phage P22, Salmonella typhimurium replication initiation mutants 6366.
phage T4 heads, mechanisms, studies 2912.
proteins, characterization, adenovirus (human) 2 4015.
rubella virus, BHK-21 cells/Vero cells 4158.
vaccinia virus, HEp-2 cells, pyrimidine (2-amino-4,6-dichloro) effects on 6367.
Measles,
association-haemolytic uraemic syndrome, man, case reports 3201.
association-intravascular coagulation + gangrene, case reports 2591.
association-malnutrition, man, Africa 7319.
association-protein-energy malnutrition/seroepidemiology, children, Guatemala 7365.
association-subclinical hepatitis, juveniles, case reports 8241.
atypical, diagnosis, man 8171.
atypical, lung involvement, children, case reports 1113.
atypical, role-killed vaccines hypersensitivity, man 6500.
children, measles virus post-exposure vaccination 236.
clinical manifestation, adults 4440.
clinical manifestations, children, India 5933.
clinical manifestations, vaccination effects on, children 6656.
clinical manifestations/complications, children, Africa 5934.
clinical manifestations/complications/treatment, children, India 7315.
combination-lead poisoning, lead levels, children 4438.
complications, emphysema, incidence/treatment, man, Zaire 4436.
complications, emphysema, man, case reports 1872.
complications, herpes simplex virus infection, role-malnutrition + viruses induced immunosuppression, children, Nigeria 5184.
complications, intravascular coagulation, case reports/diagnosis/treatment, children 4437.
control/epidemiology/vaccination, children, USA, Oregon 1929.
diagnosis, use-haemagglutination inhibition antibodies detection, 2-mercaptoethanol 4228.
differential diagnosis-rubella, use-clinical manifestations, man 349.
eradication, man 7348.
leucocytes (polymorphonuclear), antifungal activity, Candida, children 2445.
morbidity/mortality, children, South Africa 1831.
pathogenesis, role-protein-energy malnutrition, children 8242.

Measles,(continued)
pathogenicity, role-immunodeficiency, man adults 401.
pneumonia complications, malnutrition, children 1871.
prognosis, relationship-antibodies/lymphocytes levels, children 3635.
prognosis, relationship-complement levels/malnutrition, children 6655.
prophylaxis, vaccination, man, USA, review 2371, 2403.
protein-energy malnutrition effects on, children 5959.
treatment, immunoglobulins, children 4268.
treatment, Nulip, man 7386.
treatment, ribavirin, children 3837.
Measles virus,
N-acetylneuraminic acid detection/role-adsorption, cells 683.
activation, infected lymphocytes, man 3636.
anti-haemolysins, detection, serum, multiple sclerosis, man 8341.
antibodies, assays, haemagglutination inhibition, methodology 5003.
antibodies, biosynthesis, cerebrospinal fluid, multiple sclerosis, man 280.
antibodies, cytotoxicity/complement activation mechanisms 2444.
antibodies, detection, haemolysis-in-gel, erythrocytes cryopreservation 6425.
antibodies, detection, latex agglutination, multiple sclerosis patients 5295.
antibodies, incidence/levels, central nervous system diseases, man 4407, 4408.
antibodies, levels, cerebrospinal fluid/serum, optic neuritis, man 8233.
antibodies, levels, commercial preparations, immun°oglobulins, man 4212.
antibodies, levels, multiple sclerosis, man 3847, 7394.
antibodies, multiple sclerosis, review 3894.
antibodies detection, multiple sclerosis/subacute sclerosing panencephalitis 1945.
antibodies incidence, man, Zambia 1132.
antibodies incidence, psychiatry patients 2542.
antibodies incidence, relationship-vaccination, children 1888.
antibodies incidence, vaccination recommendations, children, Italy 3249.
antibodies levels, correlation-Clostridium tetani/Corynebacterium diphtheriae/Toxoplasma antibodies, man 5724.
antibodies levels, glomerulonephritis/systemic lupus erythematosus patients 403.
antibodies levels, hepatitis B associated liver tumours, man 8165.
antibodies levels, multiple sclerosis 3275.
antibodies levels, systemic lupus erythematosus, man 1873.
antigens, cell surface, Vero cells, antibodies induced redistribution, electron microscopy 4246.
antigens, cell surface/intracellular, communication, role-actin 7887.
antigens, detection, multiple sclerosis brain 465.
antigens, localization/brain pathology, experimental infection, mice 6784.
antigens, stimulation-lymphocytes, man 7973.
antiviral activity, plants extracts 4339.
associated gastroenteritis, electrolytes studies, children, Tanzania 400.
association-eye infection, incidence, man, Nigeria 1837.
book 6838.
bronchopneumonia, malnutrition, children, tropical environments 7316.
combined vaccines-mumps virus/rubella virus, eye complications, man, case reports 1676.
detection, agglutination 862.
detection, subacute sclerosing panencephalitis, use-brain immunoglobulin G, man 6732.
DNA, detection, systemic lupus erythematosus, man 6654.
encephalitis, pathogenesis, man, review 7318.
encephalitis, pathology, children, case reports 2590.
encephalitis, potentiation-experimental allergic encephalomyelitis, hamsters, animal models 7454.
encephalopathy, association-immunosuppression, man 402.
epidemiology, relationship-vaccination, children, Canada 1153.
experimental infection, antibody response, cerebrospinal fluid, Macaca fascicularis 6109.
immune status, children, USA 6484.
immunity (cell-mediated), detection-leucocytes migration inhibition tests, multiple sclerosis, man 4516.
immunity (cell-mediated), multiple sclerosis, man 1183.
immunity, children, Nepal/Sri Lanka 277.
immunity, multiple sclerosis, man 468.
induction-cell fusion/haemadsorption, Vero cells, electron microscopy 2771.
infected, lymphoblastoid cell lines, man, interferon activity/induction 1618.
infected HeLa cells, antibodies induced cell surface modifications, role-establishment-persistent infection 7189.
infected target cells, lymphocytes cytotoxicity, relationship-histocompatibility antigen HLA, man 4324.
infected Vero cells, RNA translation, cell-free system 7769.
infection, antibody response, leucocytes migration inhibition, guinea-pigs 5054.
infection, associated, children 978.
infection, effects on lymphokines production, children 278.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4493.
infection, gastrointestinal tract inflammation, pathology, man 4439.
infection, immune response (cell-mediated), leucocytes migration inhibition, Cercopithecus aethiops 274.
infection, immunity (cell-mediated), man 977.
infection, immunoglobulin E levels, immunosuppression, man 3619.
infection, immunoglobulin M levels, radioimmunoassay, man 275.
infection, immunosuppression, children 1721.
infection, immunosuppression, neonates, man 1722.
infection, laboratory animals, monkeys 8364.
infection/vaccination, effects on cholesterol levels, children 3601.
infections, maternal, during pregnancy, role-infants mortality, man 6615.
isolation-jejunum, multiple sclerosis, man 3276.
M protein antibodies, absence, subacute sclerosing panencephalitis, man 5743.
neuraxitis, clinical manifestations/epidemiology, man, Italy 1104.
neurovirulence, monkeys 3900.
neurovirulence-ferrets/biological properties-cell culture, comparison-subacute sclerosing panencephalitis strains 2733.
persistent infection, mechanisms, embryo fibroblasts, hamsters 6883.
persistent infection, tumour cells, athymic nude mouse, immune response 8006.
persistent infection, Vero cells, interference, cultivation-HeLa cells 6180.
persistent infection/acute infection susceptibility, mice 541.
pneumonia, association-vaccination, children, case reports

IRL©1979

Measles virus,(continued)
5935.
pneumonia, diagnois/pathogenesis/symptoms, man 5936.
polypeptides/defective-interfering particles accumulation, passage effects on 7770.
post-exposure vaccination, measles, children 236.
protein biosynthesis, persistent infection, embryo fibroblasts, hamsters 4835.
protein biosynthesis/specific proteins characterization, in vitro/in vivo 4146.
proteins, characterization, persistent infection-cells, man 3412.
proteins, infected Vero cells/virions, comparison 2807.
purification, antigenicity/infectivity retention 7514.
purification/polypeptides characterization 5410.
repeated vaccination, efficacy, children 4284.
repeated vaccination, man 3600.
replication, cell culture, review 3384.
replication in vitro, inhibition, ribavirin 998.
role autism, man 7317.
role-multiple sclerosis 470.
role-subacute sclerosing panencephalitis, man 5299.
seroepidemiology, man, Italy 5980.
seroepidemiology, man, Sardinia 5264.
seroepidemiology, man, USA 7356.
specific immunoglobulin G, characterization, subacute sclerosing panencephalitis, brain, man 276.
strains, polypeptides, comparison-subacute sclerosing panencephalitis virus strains 4706.
suppression-lymphocytes, absence, role-interferon, multiple sclerosis, man 3848.
susceptibility, lung/muscles embryo cells, cattle 5436.
temperature-sensitive mutant, immunogenicity/use-vaccines 2402.
temperature-sensitive mutant isolation, persistently infected lymphoblastoid cell lines, man 591.
vaccination, children, economic importance 3047.
vaccination, children, Finland, economics/programmes 4283.
vaccination, children, Ghana 238.
vaccination, children, review 7932.
vaccination, children, Tanzania 2406.
vaccination, children, USA 4280.
vaccination, effects on sister chromatid exchange, Down's syndrome, man 7146.
vaccination, efficacy, age effects on, man 4281, 4282.
vaccination, efficacy, children 3048.
vaccination, efficacy/recommendations, children, Cameroon 5002.
vaccination, malnutrition effects on/recommendations, children 7147.
vaccination, neurological complications, incidence, children, Germany, Fed. Rep. 3599.
vaccination, public acceptance/recommendations, man, Switzerland 7950.
vaccination, recommendations, eczema, children 5686.
vaccination, recommendations, man 4285, 6485.
vaccination, recommendations, subacute sclerosing panencephalitis, man 2404.
vaccination, recommendations, travel, man 220.
vaccination, role-killer cells/lymphocytes B, man 7128.
vaccination, viruses specific cytolytic/cytotoxic lymphocytes characterization, man 5037.
vaccination during epidemics, recommendations, children 5687.
vaccination recommendations, children 1674.
vaccination recommendations, children, USA 224.
vaccines, concomitant-Bordetella pertussis + Clostridium tetani + Corynebacterium diphtheriae combined vaccines, efficacy, man 1675.
vaccines, efficacy, children, Japan, analysis, computers 3598.
vaccines, immunity, man 2380.
vaccines, radiation (u.v.) inactivated, efficacy, guinea-pigs 2405.
vaccines, relationship-epidermis necrosis, man, case reports 237.
vaccines, safety, children 5004.
vaccines, safety, eggs hypersensitivity patients 239.
vaccines, stability/storage 1677.
Meat,
enterovirus concentration/detection 569.
uncooked, association-pseudorabies outbreaks, cats 2700.
MED, Black Sea,
enterovirus microbial contamination 3222.
Media,
effects on bovine rhinotracheitis virus aerosols stability 7633.
Media (culture),
derived from Bifidobacterium bifidum/Lactobacillus acidophilus/Streptococcus faecalis, antiviral activity, chikungunya virus/herpes simplexvirus 1/influenza A virus 5075.
Media (transport),
effects on pseudorabies virus viability 3831.
Medicago sativa,
Spain, peanut stunt virus characterization/isolation 7503.
Medical dressings,
composition, effects on pseudorabies virus viability 3831.
Mediocidin,
combination-mengovirus, treatment-cells, frogs, biological properties/morphology 6171.
Megoura viciae,
transmission-bean yellow mosaic virus 2053.
Melanoma,
cell lines, hamsters, C-type virus isolation/characterization 6586.
cells, mice, genomes, detection-C-type virus genes 7234.
Melanoma B16,
mice, oncornavirus high molecular weight RNA, characterization 1780.
Meles meles,
Germany, Fed. Rep., rabies epidemiology 1988.
Melilotus mosaic virus,
host range/isolation/physicochemical properties/relationship-tobacco etch virus 4046.
Melioidosis,
activation, association-influenza, military personnel, Viet Nam, case reports 2586.
Melosittacus undulatus,
Japan, influenza A virus isolation 7432.
Melphalan,
effects on C-type particles producing myeloma cell lines, susceptibility-cytotoxic antibodies 4364.
Membrane filtration,
poliovirus, elution 4718.
Membrane fusion,
mechanisms, SV40 entry-organelles, cells 4738.
Membrane permeability,
chromium-51, reduction, herpes simplex virus 1 infection, cells 6285.
3T6 cells, encephalomyocarditis virus protein biosynthesis effects on 2863.
Membrane potential,
heart cells, herpes simplex virus 1 infection effects on 4613.
human erythrocytes, Sendai virus effects on 206.
KB cells, coxsackievirus B1 infection effects on 2168.

Membrane structure,
rats cells, lymphocytic choriomeningitis virus persistent infection/Rous sarcoma virus transformation effects on 5112.
Membranes,
antigens, influenza A virus infected cells, lymphocytes T cytotoxicity, mice 8009.
antigens, papilloma virus (bovine) induced fibroma cells 5085.
cell free ascites fluid, Moloney sarcoma virus induced lymphoma, tumorigenicity/immunogenicity, mice 3701.
cells, antigens, glycoproteins, cytomegalovirus induced, kinetics, relationship replication 6167.
characteristics, SV40 transformed cells, review 5790.
cholesterol content, interaction phospholipids, use-cholesterol oxidase, vesicular stomatitis virus 6950.
cholesterol exchange liposomes, vesicular stomatitis virus 671.
complex phage λ DNA, isolation Escherichia coli 2869.
embryo cells, chickens, Newcastle disease virus/Rous sarcoma virus adsorption penetration 2857.
extracellular membrane vesicles, leukaemia GRSL cells, mice, mammary tumour virus antigen (tumour-associated) expression 5835.
fatty acids/glycolipids composition, SV40 transformed kidney cell lines 5785.
glycolipid composition, mammary tumour virus 7637.
glycoproteins, biosynthesis, vesicular stomatitis virus 4829.
glycoproteins, CHO cells, role-Newcastle disease virus induced fusion 5438.
glycoproteins assembly, Semliki Forest virus 5545.
glycoproteins structure, Semliki Forest virus 5466.
herpes simplex virus transformed embryo fibroblasts, hamsters, concanavalin A binding 1758.
insertion influenza A virus haemagglutinin, in vitro 7013.
interaction-glycoproteins-structural protein, role-Rauscher leukaemia virus assembly 4849.
lipid structure, vesicular stomatitis virus 666.
microsomes, vesicular stomatitis virus glycoproteins assembly/biosynthesis 6351.
microsomes, vesicular stomatitis virus glycoproteins biosynthesis/integration 6352.
microviscosity, viruses adsorption effects on, in vitro 3439.
morphogenesis, temperature-sensitive mutant characterization, phage PM2 4169.
Newcastle disease virus, Vibrio cholerae toxins radioactive labelling 6952.
NIH/3T3 cells, Rauscher leukaemia virus gag gene proteins precursors, cleavage 158.
permeability alterations, rabbit poxvirus infection, HeLa cells 2862.
polyoma virus/SV40 transformed 3T3 cells, fluorescence studies 6563.
polypeptides, biosynthesis, Sindbis virus, in vitro 6339.
protein composition/glycoprotein composition, trypsin/ethylenediaminetetraacetate/urea effects on, SV40 transformed fibroblasts, mice 5780.
proteins, characterization, avian sarcoma virus transformed embryo fibroblasts, chickens 5805.
proteins, comparison influenza A virus strains 5471.
proteins, Escherichia coli, phage PA 2 lysogeny effects on 4899.
proteins phosphorylation, role-protein kinase, SV40 transformed cells 2465.
Sindbis virus, glycoproteins, freeze-fracture studies/electron microscopy 1390.
structure, relationship-agglutination, SV40 transformed 3T3 cells 1757.
SV40 transformed fibroblasts, mice, phosphate transport 300
SV40 transformed membranes, mice, α-aminoisobutyric acid transport, stimulation, sodium 1005.
SV40 transformed 3T3 cells, cholesterol/fatty acids/phospholipids composition 3662.
transport, cells, viruses transformation effects on, review 5777.
vesicular stomatitis virus, localization-G-protein/M-protein 4721.
Membranous nephropathy,
association-hepatitis B surface antigen incidence, man 3216.
children, Japan, hepatitis B virus aetiology 1882.
Mengovirus,
adsorption, induction receptors cap formation, Ehrlich ascites tumour cells 4739.
antiviral activity, C-nucleosides 8031.
antiviral activity, pyrimidines derivatives 996.
combination-mediocidin, treatment-cells, frogs, biological properties/morphology 6171.
double stranded RNA, infectivity/conversion-replicative intermediates 7733.
double-stranded RNA denaturation 24, 605.
infection, antiviral activity/treatment, isatin thiosemicarbazones, mice 6091.
infection, effects on histones phosphorylation, Ehrlich ascites tumour cells 3443.
infection, effects on ribonuclease activity, interferon treated L cells 4123.
infection, mice, protection-interferon/poly (I.C) 7922.
infection, Trichomonas vaginalis 8404.
purification 7512.
RNA, infectivity, characterization 3996.
RNA, isolation, methodology 3950.
RNA, lacking-5′-terminus proteins, translation, cell-free system 4124.
RNA biosynthesis, fibroblasts, chickens/mice, dimethyl-10,12-benz(a)acridine effects on 7734.
RNA biosynthesis, N-methyl-N-nitrosourea effects on, in vitro 3464.
RNA/replicative form RNA, characterization/isolation 6209.
RNA translation, Acetabularia cytoplasm 754.
Meniere's disease,
viruses aetiology, absence 2546.
Meningitis,
aetiology, bacteria/viruses, differential diagnosis, cerebrospinal fluid analysis, man 3717.
aetiology/epidemiology 3734.
associated-rubella virus, man, case reports 4431.
association-rubella virus infection, man 2584.
bacteria/viruses, differential diagnosis, lactic acid levels, cerebrospinal fluid, children 7272.
diagnosis, cerebrospinal fluid-analysis 3718.
diagnosis, immunoglobulins levels, cerebrospinal fluid, man 3062.
ECHOvirus, antibody response/symptoms, man 6641.
ECHOvirus 19 aetiology, man, case reports 2569.
ECHOvirus 25, case reports/epidemiology, man, Italy 4471.
ECHOvirus 6/ECHOvirus 9 aetiology, case reports 6642.
enterovirus, control/diagnosis/epidemiology, man 2537.
hearing loss complications, case surveys 1075.
herpes simplex virus, diagnosis, immunofluorescence/immunoperoxidase test 7058.
herpes simplex virus, diagnosis, use-lymphocytes transformation 6608.
lysozyme levels, cerebrospinal fluid, man 8184.
man, Poland, ECHOvirus 30 aetiology/epidemiology 2570.
mumps virus, absence-parotitis, children, case reports 5208.
mumps virus, association-hypoglycorrhachia, children, case

IRL©1979

Meningitis,(continued)
reports 2592.
mumps virus, diagnosis, case reports 3725.
mumps virus, heart involvement, case reports 5938.
mumps virus, immune response (cell-mediated)/immune response (humoral), man, review 3894.
mumps virus, immunoglobulins levels, cerebrospinal fluid/serum, man 979.
mumps virus, lymphocytes B/lymphocytes T levels, cerebrospinal fluid, man 5056.
outbreaks, man, Germany, Fed. Rep., ECHOvirus 30 aetiology 389.
sensitized lymphocytes detection, mumps virus, man 279.
viruses, aetiology/symptomatology/treatment, review 358.
viruses, Clostridium tetani antitoxins detection, children 1077.
viruses, diagnosis, lactic acid levels, cerebrospinal fluid 3155.
viruses, immunoglobulins levels, cerebrospinal fluid, man 5025.
viruses aetiology, children, Iran 5179.
Meningoencephalitis,
association-behaviour changes, man 1076.
complications-influenza virus vaccination, man 2394.
coxsackievirus B3, children, case reports 5196.
diagnosis/treatment-neurosurgery, herpes simplex virus 347.
herpes simplex virus, diagnosis, immunofluorescence/immunoperoxidase test 7058.
herpes simplex virus, lysozyme levels, cerebrospinal fluid, man 3166.
herpes simplex virus 2, clinical manifestations/diagnosis, infants 7293.
mumps virus, association-hydrocephalus, case reports 5937.
neurological complications, children, mumps, case reports 404.
viruses, association-brain tumours, children, case reports 2507.
Mental disorders,
viruses aetiology, man, review 5182.
Mental retardation,
institutions, hepatitis A virus antibodies incidence, man 1912.
patients/hospitals personnel, British Isles, hepatitis B virus infection incidence 446.
relationship-California encephalitis virus infection/seroepidemiology, man 8237.
Mephitis mephitis,
Canada, rabies control/epidemiology 1989.
canine distemper/herpesvirus infection 493.
rabies virus experimental infection pathology 8413.
2-Mercapto-1-(β-4-pyridethyl)benzimidazole,
effects on vaccinia virus replication, HeLa cells 4121.
β-Mercaptoethanol,
effects on Sendai virus glycoproteins neuraminidase activity/structure 5472.
2-Mercaptoethanol,
detection-haemagglutination inhibition antibodies, diagnosis-measles 4228.
2-Mercapto-1-(β-4-Pyridethyl)benzimidazole,
inhibition-herpes simplex virus 2 induction-DNA polymerase, HeLa cells 2190.
Mercury,
hypersensitivity, man, association-influenza virus vaccines 6492.
Meristem tip culture,
dahlia mosaic virus control, Dahlia pinnata 2058.
Metalloproteins,
phage T4 gene 12 proteins, characterization 53.
Metals,
effects on cyanophage N-1 2817.
pools, effects on DNA biosynthesis fidelity, phage φX174 7669.
salts, effects on adenovirus (simian) 7 transformation, embryo cells, hamsters 4350.
Metamorphosis,
effects on flacherie virus replication, Bombyx mori 1273.
Methionine,
deprivation, effects on Sindbis virus RNA biosynthesis, Aedes albopictus cells 4127.
independent revertants, SV40 transformed fibroblasts, man, properties 4344.
Methionine (S-adenosyl),
metabolism, Brassica chinensis, turnip yellow mosaic virus infection effects on 6814.
Methisazone,
antiviral activity, variola virus 7197.
efficacy, man 2453.
treatment-poxvirus infection, man 5062.
Methotrexate,
effects on RNA polymerase I/RNA polymerase II, Rauscher leukaemia virus infected spleen, mice 7755.
sensitivity, hamsters tumour cells, SV40 infection effects on 5089.
2-Methoxyethylamine,
antiviral activity, poliovirus 290.
8-Methoxypsoralen,
photosensitization, phage λ prophages induction, radiation (u.v.), Escherichia coli 1555.
Methyl benzimidazol-2-yl-carbamate,
effects on tobacco mosaic virus RNA biosynthesis/Nicotiana growth 2059.
N-Methyl isatin β-thiosemicarbazone,
complex-copper, effects on Rous sarcoma virus DNA polymerase (RNA-dependent)/ribonuclease 770.
Methylamine,
antiviral activity, poliovirus 290.
Methylated spirits,
antiviral activity, ECHOvirus 11/herpes simplex virus 1 5755.
Methylation,
influenza virus RNA, mechanisms, in vitro 1512.
phage DDVI DNA, Shigella stutzeri/Shigella sonnei 94.
phage T1 DNA, involvement-Escherichia coli restriction 4764.
Methylcholanthrene,
induced tumours, mice, endogenous C-type virus (murine) expression 1030.
20-Methylcholanthrene,
activation-C-type virus, cells, pheasants 5103.
carcinogenicity, mice, herpes simplex virus 2 persistent infection effects on 8395.
3-Methylcholanthrene,
induced tumours, immune response (cell-mediated), cross-reactivity-Moloney sarcoma virus induced tumours, mice 8128.
Methylene blue,
photoinactivation-poliovirus, sewage 1927.
Methylglyoxal-bis(guanylhydrazone),
effects on cytomegalovirus/herpes simplex virus 1/herpes simplex virus 2 replication 4726.
O-Methylhydroxylamine,
mutagenesis, phage Sd DNA, mechanisms 6265.
Methylmethanesulphonate,
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Methylmethionine-sulphonium-salt hydrolase,
characterization/purification, phage T3 7675.

N-Methyl-N′-Nitro-N-Nitrosoguanidine,
induced damage, adenovirus (human) 5, host cell reactivation, brain tumour cells, man 7813.
treatment-phage T4, DNA repair, recombination 7808.
N-Methyl-N-Nitrosourea,
effects on herpes simplex virus transformation, cells, mice 8060.
effects on mengovirus RNA biosynthesis, in vitro 3464.
DL-α-Methylornithine,
effects on cytomegalovirus/herpes simplex virus 1/herpes simplex virus 2 replication 4726.
Methylprednisolone,
hepatitis B surface antigen-positive/negative hepatitis (chronic active) treatment 456.
5-Methyltetrahydrofolic acid,
requirements, Rous sarcoma virus infected fibroblasts, chickens 1771.
Methyltransferases,
activation mechanisms, associated-reovirus virion 6335.
Mexico,
rotavirus, diarrhoea aetiology, children 4474.
Mice,
adenovirus + Shigella sonnei infection, pathology 7440.
adenovirus (human) 3 infection, effects on immune response (humoral) 4302.
age effects on Tacaribe virus infection susceptibility 539.
ageing, Sendai virus asymptomatic infection, effects on lymphocytes 4563.
Akabane virus pathogenicity 1257.
animal models, cytomegalovirus vaccines efficacy, man 2373.
avirulent Semliki Forest virus infection, associated-demyelination 5337.
brain, cell culture derived from, yellow fever virus long-term infection 1338.
C-type virus characterization/strains relationship 5818.
cancer-cell hybrids, mechanisms 3151.
colonies, British Isles, viruses seroepidemiology 1213.
coxsackievirus A18 + Streptococcus infection, pathology 2726.
coxsackievirus B1/coxsackievirus B4 myocarditis, ventricular aneurysm complications 5332.
coxsackievirus B3 experimental infection, pancreatitis pathogenesis 1250.
Coxsackievirus B3 myocarditis, immunity (cell-mediated) 961.
cytomegalovirus, vaccinia virus infection, effects on macrophages chemiluminescence, phagocytosis 953.
cytomegalovirus infection, in vitro/in vivo, role-macrophages 260.
cytomegalovirus infection reactivation 7980.
DNA containing polyoma virus DNA, characterization/formation 2181.
Ehrlich ascites tumours, immunosuppression, Erwinia carotovora phage 62 948.
encephalomyocarditis virus diabetes, resistance, genetic analysis 534.
experimental infection, herpesvirus derived from Eidolon helvum, pathogenesis, role-interferon 1640.
feline infectious peritonitis virus replication/passage, brain 540.
flavivirus infection, immune response (cell-mediated) cross-reactivity 962.
foot-and-mouth disease virus levels, infected 2004.
frog virus 3 infection, liver pathology 2002.
herpes simplex virus immunization, interferon response 5648.
herpes simplex virus infection, dextran sulphate effects on 2721.
herpes simplex virus infection, protection, Corynebacterium parvum/Bordetella pertussis infection 1241.
herpes simplex virus latent infection, ganglion 526.
herpes simplex virus mRNA/DNA detection, acute infection/chronic infection, trigeminal ganglion 745.
herpes simplex virus thymidine kinase mutants, pathogenicity 6762.
herpes simplex virus 1/herpes simplex virus 2 latent infection, vaccination effects on 1244.
herpes simplex virus 1 infection, adenine arabinoside/AMP arabinoside/uridine (5′-iodo-2′-deoxy) iontophoresis effects on 1994.
herpes simplex virus 2 disseminated infection/vagina infection, resistance mechanisms 529.
herpes simplex virus 2 vagina infection, enhancement, progesterone 528.
hybrids, susceptibility, mammary tumour virus strains 1798.
in vitro/in vivo, Jos virus experimental infection pathogenicity/pathology 4554.
influenza, 5-hydroxytryptamaine levels, tryptamine (2-methyl)/tryptophan (5-hydroxy) effects on 3321.
influenza A virus infection, florenal effects on 1736.
influenza A virus infection, immune response (cell-mediated) 974.
influenza A virus infection, treatment, amantadine hydrochloride aerosols 6781.
influenza A virus vaccines, cross-protection 920.
influenza A virus/vaccinia virus infection immune response (cell-mediated), relationship-histocompatibility antigen H-2 1718.
influenza virus inactivated vaccines, polymethylmethacrylate adjuvants, efficacy 928.
influenza virus infection, effects on cerium lung retention/survival 3899.
influenza virus infection, immunity (cell-mediated) 2440.
influenza virus infection, lymphocytes T, immunity (cell-mediated) 973.
influenza virus infection, treatment, transfer factor 6105.
influenza virus infection resistance, role-interferon 7118.
juveniles, brain hamsters, feline infectious peritonitis virus infection 6101.
laboratories, Sendai virus immunity (passive)/infection 2713.
lymphocytic choriomeningitis virus induced glomerulonephritis, pathogenesis, role-interferon 215.
lymphocytic choriomeningitis virus induction-interferon 2342.
lymphocytic choriomeningitis virus infection, immune response (cell-mediated) decrease 1717.
mammary gland tumours, treatment, cyclophosphamide + oncolytic virus 1797.
mammary tumour virus antigen (tumour-associated) expression, extracellular membrane vesicles, leukaemia GRSL cells 5835.
measles virus persistent infection/acute infection susceptibility 541.
mengovirus/vaccinia virus infection, antiviral activity/treatment, isatin thiosemicarbazones 6091.
mouse hepatitis virus aetiology, diarrhoea 491.
mouse hepatitis virus detection, immunoperoxidase test 2950.
mutagenesis, influenza A virus 5348.
neonates, herpes simplex virus 2 infection, pathology 2723.
Orungo virus experimental infection, pathogenesis/distribution-organs 1251.
parainfluenza virus 2 infection, brain, antibody response/clinical manifestations/histopathology 6111.
passage/pathogenesis, Tacaribe virus 2009.
polioencephalomyelitis, virus-like particles detection/transmission 3857.

IRL©1979

Mice,(continued)
Powassan virus infection pathology, brain ultrastructure 7448.
rabies virus antigens detection/pathogenesis, cerebellum cells 2013.
rabies virus experimental infection pathology 6777.
rabies virus inactivated vaccines, efficacy, comparison 5678.
rabies virus vaccination, immune response 8003.
radiation (X) treated, influenza A virus susceptibility 6108.
Runde virus pathogenicity, antisera/serum effects on 4560.
Runde virus persistent infection 2769.
scrapie agent experimental infection, ultrastructure 1187.
scrapie agent infected, splenocytes, stimulation, mitogens 1949.
scrapie pathogenesis, role-spleen/thymus 2676.
Semliki Forest virus infection, electron microscopy/pathology, brain 5326.
Semliki Forest virus infection pathology, comparison-scrapie 1254.
Sendai virus aetiology, pneumonia 1208.
Sendai virus infection, effects on Mycoplasma pulmonis/Staphylococcus aureus resistance 2018.
tick-borne encephalitis virus immunization (passive), immunoglobulin G/immunoglobulin M 4267.
tissue culture, interferon derived agents, antigenic relationship-interferon derived agents leucocytes, man 4968.
tumours induction, Harvey sarcoma virus/Harvey sarcoma virus producer cells 5152.
vaccinia virus oncolysates treatment-SV40 induced tumours 305.
Venezuelan equine encephalitis virus infection 536.
Venezuelan equine encephalitis virus infection modification, radiation (X) 1255.
viruses antibodies levels, ascitic fluid, acids precipitation effects on 2249.
western equine encephalitis virus myocarditis, clinical manifestations/pathology/electrocardiogram studies 537.
yellow fever virus encephalitis, brain lesions, relationship-mental performance 8408.
Microbiology,
book 6832.
dictionary 3363.
Micrococcus luteus,
DNA gyrase, interaction-phage PM2 DNA, mechanisms 709.
Microcystis aeruginosa,
biological control, use-phage SM-2 6118.
phage AM-1 infected, lysates effects on Daphnia magna 8432.
Microencephaly,
neonates, association-varicella-zoster virus infection, pregnancy 1096.
Microfilaments,
organization during Sendai virus induced cell fusion, regulation, role-calcium 3968.
role-Moloney leukaemia virus budding, cytochalasin D studies, cells 2219.
structure, Rous sarcoma virus transformed embryo fibroblasts-chickens/kidney cells-rats 3696.
β2-Microglobulin.
complex-histocompatibility antigen HLA, role-viruses tumorigenicity 8153.
Microhematocrit,
tecnique, diagnosis-leucocytosis, cattle 1193.
Micromonospora purpurea,
phage φUW21/phage φUW51 characterization/infection 661.
Micropterus pusillus,
Central African Rep., Lagos bat virus isolation 1230.
Microscopy,
cell culture growth/preparation 7524.
Microscopy (light),
cytoplasmic inclusions, potato virus M/potato virus X/potato virus Y infected Solanum tuberosum 3350.
Microscopy (phase contrast),
liver cells, hepatitis B surface antigen carriers/hepatitis (chronic), man 3775.
Microtubules,
cells, affinity-reovirus 1/reovirus 3, in vitro/in vivo 7647.
CHO cells, role-A-type virus production 8092.
structure, Rous sarcoma virus transformed embryo fibroblasts-chickens/kidney cells-rats 3696.
Microtus agrestis,
cells, revertant/transformed, Rous sarcoma virus RNA characterization 3470.
Migration,
age, man, USA, California/USA, Washington, correlation-multiple sclerosis incidence 1946.
Migration inhibition,
adenovirus (murine) infection immunity (cell-mediated), mice 1694.
Migration inhibition factor,
production, herpes simplex virus 1/mumps virus infected kidney cells, monkeys 1699.
production, induction, dengue virus stimulation-lymphocytes, in vitro 5039.
Mild yellow-edge virus,
infection, Fragaria, transmission, Chaetosiphon fragaefolii, USA, Oregon 6133.
Military personnel,
Korea, Rep., reo-like virus aetiology/incidence, diarrhoea 394.
USA, rubella epidemics 1901.
Milk,
foot-and-mouth disease virus inactivation, pasteurization 8389.
infectivity, bovine leukaemia virus infected cattle 5810.
man, mammary tumour virus antigens detection, immunodiffusion 5857.
poliovirus detection/isolation, methodology 6858.
production, bovine leukaemia virus positive/negative cattle, comparative studies 1022.
vaccinated sheep, rotavirus antibodies levels 246.
Milk products,
Streptococus, phages isolation/significance 183.
Mill Hill 2 virus,
defective env gene/gag gene/pol gene 4880.
defective replication/transformation 312.
genomes size/replication 7593.
infection, bone marrow cells, effects on target cells differentiation 5730.
pathogenicity/induction-tumours, chickens 5801.
RNA, comparison-avian myelocytomatosis virus MC29 5455.
transformation, fibroblasts, in vitro 3122.
Minichromosomes,
histones acetyl groups, turnover, SV40 3403.
Mink,
lung cells, varicella-zoster virus susceptibility 583.
Mink cell focus-forming virus,
env gene proteins, cell surface expression, mice 7006.
glycoprotein gp70, cross-reacting-spleen focus-forming virus, radioimmunoassay 1588.
Mink cell focus-inducing virus,
derived from, Moloney leukaemia virus positive lymphoid cell lines, mice, biological properties 4384.

Mink cell focus-inducing virus,(continued)
RNA, nucleotide sequence homology-AKR leukaemia virus 6217.
Minute virus of mice,
RNA, poly (A) containing, splicing/minute virus of mice 6976.
Mitchell River virus,
resistance, pH/ether/chloroform 43.
Mitochondria,
calcium metabolism, Semliki Forest virus infected embryo cells, chickens 2864.
Mitogenicity,
chickens, herpesvirus (turkey) vaccines 241.
Mitogens,
induced DNA biosynthesis, lymphocytes, role-Friend leukaemia virus infection/replication 5044.
induction-interferon, review 2314.
lymphocytes B/lymphocytes T dependent, induction-interferon, mice 1612.
response, lymphocytes, chickens, avian reticuloendotheliosis virus infection effects on 3081.
stimulation-splenocytes, scrapie agent infected mice 1949.
Mitomycin C,
effects on DNA replication, SV40, permissive cells, hamsters 8045.
induction-viruses/DNA, SV40 transformed cells, mice 304.

Mokola virus,
characterization/isolation/transmission, Crocidura, Cameroon 1986.
Molluscs,
edible, transmission-hepatitis B surface antigen 445.
Vibrio/Vibrio parahaemolyticus phages incidence 1886.
viruses transmission risks 1154.
Molluscum contagiosum,
atypical, case reports, man 2567.
eye, conjunctiva/eyelid ultrastructure, comparison, man 4424.
incidence, relationship-prostitution, man, India 5237.
Molluscum contagiosum virus,
cytopathogenesis/defective replication in vitro 5501.
Moloney leukaemia virus,
budding, role-microfilaments, cytochalasin D studies, cells 2219.
cross-reactivity-fibroblasts antigen (tumour-associated), mice 3544.
defective, derived from interferon treated, cells 7110.
deletion mutant, genomes, characterization/isolation, cell lines, mice 4816.
DNA, detection-integration sites, fibroblasts, mice 6347.
DNA biosynthesis, mechanisms 4815.
DNA biosynthesis, tRNA Pro interaction-genomes RNA 7753.
DNA polymerase RNA-depend, ent) 1503.
envelopes glycoproteins precursors characterization 4022.
gag gene structural protein, biosynthesis/glycosylation, mechanisms 6346.
gene amplification/gene expression, organs, mice, age effects 4882.
genomes, integration sites, DNA, cells, rats 4817.
inactivated, immunization, mice, effects on Moloney sarcoma virus tumours 4376.
induced antigens, relationship-spleen focus-forming virus induced antigens 8096.
induced cell surface antigens, characterization, lymphoma cells, mice 8113.
induced lymphoma, antigen (tumour-associated), mice 3135.
induced lymphoma, cell surface antigens, orientation, relationship-histocompatibility antigen H-2, mice 8112.
induced lymphoma tumour cells, immune response/rejection, mice 8116.
induced tumours, glycoproteins, immune response (cell-mediated) specificity, mice 5831.
induction-lymphoma, lymphocytes B/lymphocytes T levels/viruses antigens expression, mice 1036.
infection, cells, mice, effects on DNA copies/viruses production 2206.
infection, effects on immune response-tumours, mice 3694.
infection, effects on polyoma virus host range mutants growth, nonpermissive cells/permissive cells 7030.
infectivity, DNA containing, mapping 5535.
integration sites, mapping, BALB/Mo cells 5537.
lymphoma, antigens, expression, relationship-sensitivity-cell-mediated cytotoxicity, mice 4372.
maturation 4848.
nonhomology region-HIX virus, heteroduplexes analysis 46.
positive lymphoid cell lines, mice, mink cell focus-inducing virus derived from, biological properties 4384.
producer cells, purothionin A effects on, use-Moloney leukaemia virus assays 5413.
protein biosynthesis/proteins, distribution, embryo cells, mice 2207.
proviruses DNA, integration/structure, BALB/Mo cells 5536.
receptors, genetic analysis, Mus musculus x Mus cervicolor hybrids cell lines 4185.
recombinants-xenotropic C-type virus, identification-HIX virus 1790.
replication defective, rescue/transmission, cell lines, mice 3693.
reverse transcription, high molecular weight complementary DNA products 6348.
ribonuclease oligonucleotides, comparison-HIX virus 1374.
RNA, homology-DNA-leukaemia cells, man 8115.
RNA biosynthesis, interferon treated cells, mice 1504.
RNA splicing, electron microscopy 634.
stocks, nondefective recombinants amphotropic oncornavirus, genomic masking 177.
Moloney sarcoma virus,
complementary DNA sequence, transcription, transformed cell lines, mice 2209.
DNA fragments, induction-transformation, fibroblasts, mice 3700.
double-stranded DNA biosynthesis, products characterization 7757.
gag gene, mapping (physical) 2229.
induced lymphoma, cell-free ascites fluid membranes, tumorigenicity/immunogenicity, mice 3701.
induced MS-2 tumour, characterization/chemotherapy, mice 4380.
induced osteosarcoma, rats, doxrubicin effects on 2497.
induced tumours, antigen (tumour-associated) characterization, rats 4378, 4379.
induced tumours, α-foetoprotein effects on, mechanisms, mice 3698.
induced tumours, growth/immune response, BALB/c mice, cryosurgery/surgery effects on 1794.
induced tumours, immune response (cell-mediated), cross-reactivity-3-methylcholanthrene induced tumours, mice 8128.
induced tumours, immune status, mice 1041.
induced tumours, immunity (cell-mediated), mice 5046.
induction-cytolytic lymphocytes T, sensitized spleen cells, mice 1715.
induction-tumours, mice, inactivated Moloney leukaemia

IRL©1979

Moloney sarcoma virus,(continued)
virus immunization effects on 4376.
infection, effects on immune response-tumours, mice 3694.
nonproducer cells, derived from tumours, mice, Moloney sarcoma virus genomes rescue 2498.
polypeptides, immune complexes-antibodies clearance, rats 3695.
replication defective, coding-envelopes glycoproteins, characterization 4023.
RNA, nucleotide sequence homology-strains 47.
transformed cells, growth, in vitro 5097.
transformed 3T3 cells, revertants, loss-specific RNA nucleotide sequence 3699.
tumours, mice, anti-inflammatory agents effects on 5834.
xenotropic murine leukaemia virus phenotypes, temperature-sensitive biological properties, cells, ducks 8127.
Monkeypox,
inclusion bodies, diagnosis 2536.
Monkeypox virus,
DNA restriction endonuclease fragments, electrophoresis, differentiation-cowpox virus/vaccinia virus/variola virus 627.
identification, isoelectric focusing 663.
infected hamsters, whitepox virus isolation 2001.
polypeptides, electrophoresis patterns, comparison-cowpox virus/vaccinia virus/variola virus 5465.
replication, inhibition, uridine (5′-iodo-2′-deoxy), lung cells, rabbits 1744.
Monkeys,
coronavirus detection, faeces 8381.
detection-D-type virus DNA sequence 2501.
Ebola virus experimental infection, interferon effects on 3570.
Ebola virus infection pathology 2012.
hepatitis A virus vaccines development/efficacy 3050.
kidney cells, influenza C virus replication 6179.
measles virus/subacute sclerosing panencephalitis virus neurovirulence 3900.
role-yellow fever epidemiology, man 8386.
Schu virus infection, induction-amyotrophic lateral sclerosis clinical manifestations 6097.
Monocaprin,
effects on phage J1 infection, Lactobacillus casei 7045.
Monocaprylin,
effects on phage J1 infection, Lactobacillus casei 7045.
Monocytes,
levels/morphology, dogs, adenovirus (canine) infection 6509.
man, Venezuelan equine encephalomyelitis virus infection 7540.
maternal/neonates, antibodies dependent cytotoxicity, herpes simplex virus, man 5714.
role-herpes simplex virus 1 infection immune response (cell-mediated), man 950.
Mononucleosis,
cytomegalovirus, associated lymphocytosis, man, case reports 3743.
cytomegalovirus, association-liver necrosis, case reports 1085.
cytomegalovirus, effects on leucocytes (polymorphonuclear) function, man 5717.
man, association-cytomegalovirus + Epstein-Barr virus mixed infection 5907.
Morocco,
bovine rhinotracheitis virus seroepidemiology, cattle 6060.
Morphogenesis,
C-type virus, cell culture, critical-point drying + electron microscopy (transmission) 1521.
feline panleucopenia virus, embryo cells, cats 684.
phage T4 capsid protein cleavage during 2911.
phage T4 heads, role-gene 40 1518, 1519, 1525.
phages, review 2217.
rotavirus, infected PK-15 cells 1520.
Semliki Forest virus, BHK-21 cells, colchicine/dibucaine/Nocodazole effects on 157.
studies, Semliki Forest virus proteins cross-linking-chemicals 57.
Mosaic disease,
Cucumis melo, viruses, host range/isolation/physicochemical properties 4045.
Heracleum sphondylium, viruses detection 1288.
Lochnera rosea, cucumber mosaic virus aetiology 1289.
Pisum sativum, USA, New York, turnip mosaic virus aetiology 1298.
viruses, infection, Phaseolus aureus, effects on Bemisia tabaci biology 2756.
viruses aetiology/symptomatology/transmission, Rhynchosia minima, Cuba 3346.
Mosquitoes,
transmission-Japanese encephalitis virus, India, Bengal 7353.
transmission-viruses, bibliography 3230.
transmission-viruses, man, Brazil, Serra do Mar 3781.
Mouse hepatitis virus,
aetiology, diarrhoea, mice 491.
assays/replication, cell lines, DBT cells 4621.
biological activity in vitro/ribonucleoproteins/mRNA characterization 7008.
characterization/isolation, mice 6747.
detection, immunoperoxidase test, mice 2950.
differentiation-epizootic diarrhoea of infant mice virus/reovirus 3, immunoperoxidase test, in vitro 2944.
formation-Friend leukaemia virus envelopes pseudotypes, Friend leukaemia virus persistently infected SRCDF1 DBT cells 1343.
immune response, athymic nude mouse 5050.
infection, clinical manifestations/immune response, heterologous spleen cells effects on, athymic nude mice 7180.
infection, effects on tumours growth, athymic nude mice 5775.
infection, immunoglobulin G/immunoglobulin M antibody response, sheep erythrocytes, mice, nude mutant 8002.
infection, pathology, bone marrow involvement, mice 6057.
infection, resistance, role-histocompatibility gene H-2, mice 7181.
isolates characterization/role-enteritis, infants, mice 6850.
persistent infection, murine sarcoma virus transformed nonproducer cells, mice, murine leukaemia virus induction-plaques 4367.
plaques formation, cell line, mice, DEAE-dextran effects on 5431.
properties/purification 4607.
protein biosynthesis/proteins characterization, in vitro 7009.
RNA structure, comparison-avian infectious bronchitis virus/coronavirus (human) 3402.
stability, chronic infection, neuroblastoma cells, mice 9.
temperature-sensitive mutant, characterization 7036.
Mouse hepatitis virus 2,
physicochemical properties, DBT cells 665.
Mouse hepatitis virus 3,
infected mice, interferon, antiviral activity, potentiation, carriage-liposomes 2362.
infection, pathogenesis, mice, role-interferon 1636.
Mouth,
herpes simplex virus infection, maternal, transmission risks-infants, man 6670.
herpes simplex virus 1/herpes simplex virus 2 infection, clinical manifestations/latency, pyran effects on, mice 5766.

Mouth,(continued)
herpes simplex virus 2 infection reactivation, cyclophosphamide, mice 5330.
involvement, Crohn's disease, man, case reports 1835.
lesions, histopathology, bovine diarrhoea-mucosal disease/foot-and-mouth disease/malignant cattarhal fever/rinderpest/vesicular stomatitis 6738.
Mucambo virus,
detection/epidemiology, man/animals, Brazil 2707.
Mucocutaneous lymph node syndrome,
association-vaccinia virus vaccination, infants, case reports 4270.
Mudjinbarry virus,
recombination-Wallal virus 1537.
Muellerius capillaris,
transmission-maedi virus/visna virus, sheep 8380.
Multicentric pigmented Bowen's disease,
role-papilloma virus (human), man, case reports 1805.
Multiple sclerosis,
aetiology, role-canine distemper virus, Iceland 3850.
aetiology/epidemiology, man 3893.
aetiology/pathogenesis/immune response/role-measles virus 470.
aetiology/symptoms 3274.
aetiology/treatment, discussion 469.
antigens detection, brain 465.
arbovirus antibody response 1182.
association-herpes simplex virus, man, review 3849.
association-intestinal tract malfunction 471.
association-Kemerovo virus/Lipovnik virus, man, Czechoslovakia 5254.
association-malabsorption, intestine immunopathology, man 1180.
cytomegalovirus/herpes simplex virus/measles virus/rubella virus antibodies incidence/levels 4407.
detection-measles virus antibodies, latex agglutination 5295.
diagnosis, use-visual evoked potentials latency, man 1184.
diseases incidence 1947.
DNA/RNA/measles virus/rubella virus antibodies detection 1945.
epidemiology, man, British Isles 472.
fatty acids levels/composition, serum lipids, patients 458.
immunoglobulin G biosynthesis, brain, man 5059.
immunoglobulins, light chains ratios, cerebrospinal fluid 1181.
immunoglobulins levels, cerebrospinal fluid, man 5025.
immunoglobulins light chain λ/light chain κ levels/ratios, man 7395.
incidence, correlation-migration age, man, USA, California/USA, Washington 1946.
incidence, relationship-canine distemper/dogs, Iceland 1185.
infectious agents isolation-bone marrow, patients 460.
isolation-parainfluenza virus 1 7552, 7553, 7554.
jejeunum pathology, man 6725.
leg contractures, management 1179.
lesions, computerized tomography 1178.
lesions, computerized tomography, corticosteroids effects on 1177.
lymphocytes B/lymphocytes T levels, cerebrospinal fluid, man 5056.
lymphocytes T levels 464.
man, anti measles virus haemolysins detection, serum 8341.
man, canine distemper virus/measles virus antibodies levels 7394.
man, immunity (cell-mediated), measles virus/mumps virus/Newcastle disease virus, detection-leucocytes migration inhibition tests 4516.
man, measles virus immunity 468.
man, measles virus induced lymphocytes suppression, absence, interferon role 3848.
measles virus antibodies, review 3894.
measles virus antibodies levels, man 3847.
measles virus isolation-jejunum, man 3276.
measles virus/myelin proteins/central nervous system extracts immunity (cell-mediated), man 1183.
measles virus/vaccinia virus antibodies levels 3275.
oligoclonal immunoglobulins, idiotypes characterization, man 5055.
papovavirus/paramyxovirus virus-like particles detection, central nervous system 3273.
risks, optic neuritis pagtients 6726.
sensitization-myelin basic protein, man 2672.
somatosensory evoked potentials 467.
spasticity, treatment, Baclofen muscle relaxants 459.
treatment, antithymocyte globulin 463.
treatment, interferon, man, clinical trials 7912.
treatment, levamisole 466.
treatment, linoleic acid, man 1186.
viruses aetiology, man, review 5294, 6037.
viruses aetiology, review 7396.
viruses aetiology/immunological aspects, man, review 8342.
viruses antibodies biosynthesis, cerebrospinal fluid, man 280.
viruses antibodies incidence 6036.
visual evoked responses, pattern reversal 461.
visual evoked responses/visual symptoms 462.
Mumps,
association-hearing loss, children 406.
association-hearing loss, mechanisms, man 4441.
association-protein-energy malnutrition/seroepidemiology, children, Guatemala 7365.
combination-lead poisoning, lead levels, children 4438.
diagnosis, immunofluorescence/immunoperoxidase test 7058.
man, diagnosis 1063.
meningoencephalitis, neurological complications, children, case reports 404.
treatment, ribavirin, children 3837.
Mumps virus,
aetiology, heart diseases, man 5887.
aetiology, meningitis, children, Iran 5179.
antibodies, biosynthesis, cerebrospinal fluid, multiple sclerosis, man 280.
antibodies, detection, complement fixation/enzyme-linked immunosorbent assay/haemagglutination/haemolysis/neutralization 7079.
antibodies, detection, haemolysis, children 2273.
antibodies, detection, haemolysis-in-gel, erythrocytes cryopreservation 6425.
antibodies, levels, commercial preparations, immunoglobulins, man 4212.
antibodies detection, plaques neutralization tests 2952.
antibodies incidence, man, Zambia 1132.
antibodies incidence, relationship-vaccination, children 1888.
antibodies levels, correlation-Clostridium tetani/Corynebacterium diphtheriae/Toxoplasma antibodies, man 5724.
antigens, stimulation-lymphocytes, man 7973.
association-myocarditis, man 3159.
bronchiolitis, aetiology/symptoms/treatment, man, review 3733.
cell culture attenuated, neurovirulence, Macaca rhesus 6110.
combined vaccines-measles virus/rubella virus, eye complications, man, case reports 1676.
congenital infection, man, case reports 8243.
experimental infection-foetuses, induction-congenital

IRL©1979

Mumps virus,(continued)
hydrocephalus, Macaca mulatta 6785.
glycoproteins antigenic characteristics/characterization 1402.
haemagglutinin/haemolysin, antibody response, inactivated/live vaccines, comparison, man 3602.
hosts antigens incorporation 3422.
immunity (cell-mediated), detection-leucocytes migration inhibition tests, multiple sclerosis, man 4516.
infected cells, antibody-independent natural cell-mediated cytotoxicity, relationship-Fc receptors presence; lymphocytes 1678.
infected kidney cells, monkeys, migration inhibition factor production 1699.
infection, association-hearing loss, man, case reports 2593.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4494.
infection, immunity, cross-reactivity-parainfluenza virus, children 3094.
infection incidence/seroepidemiology, age distribution, children 5265.
meningitis, absence-parotitis, children, case reports 5208.
meningitis, association-hypoglycorrhachia, children, case reports 2592.
meningitis, diagnosis, case reports 3725.
meningitis, heart involvement, case reports 5938.
meningitis, immune response (cell-mediated)/immune response (humoral), man, review 3894.
meningitis, immunoglobulins levels, cerebrospinal fluid/serum, man 979.
meningitis, lymphocytes B/lymphocytes T levels, cerebrospinal fluid, man 5056.
meningitis, sensitized lymphocytes detection, man 279.
meningoencephalitis, association-hydrocephalus, case reports 5937.
neuraxitis, clinical manifestations/epidemiology, man, Italy 1104.
neuroadapted, virulence/persistence, central nervous system, hamsters 542.
parotitis, recurrence after infection/vaccination, case reports 405.
pericarditis, case reports 5207.
persistent infection, tumour cells, athymic nude mouse, immune response 8006.
role-autism, man 7317.
role-diabetes mellitus, review 7320.
role-myocarditis, man 364.
seroepidemiology, Indians, Brazil 8277.
seroepidemiology, man, Italy 5980.
structural protein, characterization 1401.
treatment-cancer patients, role-immune response 5744.
vaccination, children, economic importance 3047.
vaccination, children, review 7932.
vaccination, children, USA 4280.
vaccination, efficacy/safety, man 4286.
vaccination recommendations, children, USA 224.
vaccines, efficacy/production 3049.
vaccines, efficacy/reactogenicity, man 929.
Mung bean mild mosaic virus,
infection/characterization/transmission, Phaseolus mungo, India 1426.
Mung bean severe mosaic virus,
infection/characterization/transmission, Phaseolus mungo, India 1426.

Muntiacus muntjak,
cells, avian sarcoma virus/murine sarcoma virus transformation 1768.
SV40 infected fibroblasts, antigen T binding-chromosomes 197.
Muntiacus muntjak vaginalis,
cell lines, SV40 transformed, characterization/establishment 3660.
Murine encephalomyelitis virus,
induction-subacute encephalomyelitis, demyelination/pathology, rats 2727.
infection, brain, pathology, mice 8353.
Murine leukaemia-sarcoma virus,
virions associated protein kinase, characterization 6238, 7617.
Murine leukaemia virus,
adsorption/penetration/uncoating kinetics, cells, mice 4741.
amphotropic/ecotropic/Mus musculus-inbred mice/mice, RNA 1373.
amphotropic/ecotropic/xenotropic, detection-types specific antigens, mink cells 6591.
amphotropic/xenotropic, phenotype mixing-ecotropic, restriction, Fv-1 locus 4184.
antibodies, characterization/secretion, myeloma x spleen hybrids cell lines, mice 5133.
antibodies, production, lymphocytes x myeloma cells hybrids, mice 8098.
antisera, recognition-growth control/transformation specific proteins, cells, mice 8114.
antiviral activity, phenylacetoaminomethylene nitrophenylalanine, mice, in vitro/in vivo 8032.
B-tropic, antigenic characteristics/origin, C57BL mice 321.
binding proteins, antigenic characteristics/characterization 7616.
cell surface antigens, expression, genetic control, role-gene Fv-1, mice 8099.
chronic infection, AKR-2B cells/SC-1 cells, interferon effects on 4966.
clones, variation-pathogenicity, mice 5821.
closed circular/linear DNA, restriction endonuclease cleavage mapping 3999.
core protein structure, correlation-Fv-1 locus tropism, mice 6237.
cytoplasmic virus-like particles properties/expression, thymus, lymphomatous/normal AKR mice 5134.
ecotropic + xenotropic phenotype mixing, infection-heterologous cells 2766.
ecotropic, absence, azathioprine induced lymphoma, mice 5136.
ecotropic, expression, thymocytes, leukaemia resistant mice-hybrids 1031.
ecotropic, genetic linkage-phosphoglucomutase, chromosome 5, C3H/HeJ mice/BALB/c mice 6596.
ecotropic, induction mice, BALB/c mice, loci, gene mapping 6595.
ecotropic, resistance, fibroblasts, mice 5132.
ecotropic/xenotropic, replication, dexamethasone effects on 7751.
endogenous, AKR mice, oncogenicity in vivo 2495.
endogenous, expression, AKR/J mice 7246.
endogenous, expression, hamsters x mice hybrids cells 5819.
endogenous, expression, lymphocytes, stimulation, concanavalin A, mice 6594.
endogenous, expression, New Zealand Black mice embryos 1033.
endogenous, gene expression, brain/liver, mice, age effects on 1032.
endogenous, induction, AKR cells, hydroxyurea, involvement-DNA damage 5820.

Murine leukaemia virus,(continued)
endogenous, levels, relationship-antibody response, AKR leukaemia virus, mice strains 8120.
endogenous, sarcoma, oncofoetal antigens characterization, mice 3688.
endogenous/exogenous, DNA, transfection 4139.
envelopes glycoproteins, role-cell fusion 6174.
envelopes proteins, association 3407.
expression, Fv-1 gene control, role-spontaneous lymphoma incidence, mice 2488.
gag gene proteins, structure relationships 2801.
glycoproteins, heterogeneity/sialylation 4020.
hosts tRNA packaging 2205.
induced erythroleukaemia, immunotherapy-Listeria monocytogenes, mice 5131.
induced leukaemia, immunosuppression, mice 7178.
induced leukaemia, resistance, role-immune response, review 3085.
induced thymus tumours, chromosome 15 trisomy, mice 8100.
induction-complement activation, man/guinea-pigs 3084.
induction loci, mapping, mice 323.
induction-plaques, murine sarcoma virus transformed nonproducer cells, mice, mouse hepatitis virus persistent infection 4367.
infected cells, assays, flow microfluorometry 3377.
infection, antinuclear antibody/autoantibodies/glomerulonephritis/lymphoma incidence, mice 6772.
infection, association-glomerulonephritis, mice 7235.
infection, resistance, fibroblasts, mice, in vitro 5429.
infection/transformation, 3T3 cells, inhibition-interferon 7109.
infectivity/replication, pH effects on 3965.
levels, mice, interferon effects on 1639.
mixed infection-cytomegalovirus (murine), pseudotypes production, in vitro 7034.
phosphoproteins, amino acid sequence homology-histone H5, mice 6934.
plaques formation, inhibition-antibodies, XC cells 3964.
purification, methodology 5408.
receptors, specificity, cell surface, radiation/radiation leukaemia virus induced tumour cells 3131.
recombinants, identification-HIX virus 2489.
recombination/proviruses expression, role-evolution/origin, review 3687.
related mRNA sequence, abundance/complexity, cell lines, embryos, mice 4138.
replication, genetic control, mice 8101.
replication/budding, cell lines, Mm5mt/c_1 cells, electron microscopy 797.
replication defective, assays, plaques formation, XC cells 2761.
structural protein expression, surface-hosts cells/virions 2487.
transformed mink cells, viruses precursors polyproteins identification 322.
transmission (vertical), Mus musculus 5135.
xenotropic, phenotypes-Moloney sarcoma virus, temperature-sensitive biological properties, cells, ducks 8127.
xenotropic, related cell surface antigens, lymphocytes, mice 6593.

ecotropic, receptors, gene localization, chromosome 5, mice 1441.
Murine sarcoma virus,
antitumour activity, macrophages, tumour-bearing mice 5736.
induced tumours, glycoproteins, immune response (cell-mediated) specificity, mice 5831.
induced tumours, lymphocytes T cytotoxicity, in vitro, mice 8001.
infected 3T3 cells, inhibition-transformation, galactoprotein/gangliosides antibodies, mice 5150.
infection, effects on corticosteroids induced lipogenesis, bone marrow cells 7249.
infection/transformation, 3T3 cells, inhibition-interferon 7109.
infectivity/replication, pH effects on 3965.
pseudotypes, proteins characterization 7248.
pseudotypes, proteins packaging 2913.
pseudotypes-baboon placenta virus, transformation, cells, gorillas 3136.
purification, methodology 5408.
transformation, in vitro, interferon effects on 1620.
transformation, Muntiacus muntjac cells 1768.
transformed cells, growth factors activity/production 1793.
transformed cells, monkeys/rats/mice, chromatin/ribosomes proteins phosphorylation 1008.
transformed cells, rats, fucose metabolism 3697.
transformed cells, mRNA characterization 7004.
transformed cells, sensitivity, interferon, sodium butyrate effects on 2334.
transformed fibroblasts, mice, membranes gangliosides receptors 3679.
transformed nonproducer cells, mice, mouse hepatitis virus persistent infection, murine leukaemia virus induction-plaques 4367.
transformed 3T3 cells, extracts, DNA biosynthesis inhibition specificity 2496.
variants, production, cell culture 589.
Murray Valley encephalitis virus,
immune complexes-antibodies, infection, Aedes aegypti cells, effects on viruses yield/use-viruses assays 5606.
Mus,
Tunisia, West Nile virus/Uukuniemi virus/Bhanja virus seroepidemiology 1225.
Mus cervicolor,
cell lines, hybrids-Mus musculus, Moloney leukaemia virus/Rauscher leukaemia virus receptors, genetic analysis 4185.
endogenous oncornavirus, RNA nucieotide sequence homology-A-type particles, Mus musculus 6215.
Mus cervicolor popaeus,
mammary tumour virus related B-type virus, characterization/isolation, Mus cervicolor popaeus 3368.
Mus musculus,
A-type particles, RNA nucleotide sequence homology-endogenous oncornavirus, Mus cervicolor 6215.
cell lines, hybrids-Mus cervicolor, Moloney leukaemia virus/Rauscher leukaemia virus receptors, genetic analysis 4185.
murine leukaemia virus transmission (vertical) 5135.
Mus musculus molossinus,
NB-tropic Friend leukaemia virus resistance 3690.
Musa,
cucumber mosaic virus isolation 6263.
Musa sapientum,
bunchy top disease, transmission, Pentalonia nigronervosa, mathematical models 7483.
bunchy top disease control/epidemiology 2048.
Muscle relaxants,
Baclofen, multiple sclerosis spasticity treatment 459.
Muscles,
cells, chickens, Rous sarcoma virus infection in vitro, electron microscopy 5427.
hamsters, lyssavirus infection, detection 1263.
herpes zoster pathology, man 2564.

IRL©1979

Muscles,(continued)
polymyositis, man, coxsackievirus aggregates detection 1103.
Mushroom virus 1,
physicochemical properties/purification, Agaricus bisporus 4041.
Mushroom virus 4,
physicochemical properties/purification, Agaricus bisporus 4041.
Muskmelon necrotic spot virus,
strains, isolation/characterization/classification, Cucumis melo/Cucumis anguria 7502.
Mustard mosaic virus,
infected Brassica juncea, effects on Peronospora parasitica susceptibility 6813.
Mustela nivalis,
rabies virus adaptation 1973.
Mustela putorius,
adults/neonates, lung cell lines, susceptibility-influenza A virus infection 7548.
Aleutian disease virus infection/diagnosis 1210.
influenza A virus recombinants virulence 7825.
influenza virus infection + aspirin intoxication, effects on liver enzymes/histology 5345.
Mustela putorius furo,
bovine rhinotracheitis virus infection 1248.
infectious diseases 6736.
Mustela vision,
endogenous oncornavirus characterization 3119.
jejunum pathology, electron microscopy (scanning), feline panleucopenia virus infection 3859.
Mutagenesis,
Anacystis nidulans phage AS-1, acriflavine/N-methyl-N′-nitro-N-nitrosoguanidine/radiation (u.v.) 6376.
chemicals, specificity, reovirus 3 7819.
O-methylhydroxylamine, phage Sd DNA, mechanisms 6265.
mice, influenza A virus 5348.
phage P22, radiation (u.v.), Salmonella typhimurium, role-plasmid pKM101 1533.
sites specificity, phage Qβ RNA, nucleotides analogues insertion 4173.
uridine (5′-bromo-2′-deoxy), cells, hamsters, SV40 effects on 3378.
Mutants,
amber mutant, characterization, phage Mu 4866.
amber mutant, DNA nucleotide sequence, phage M13 7803.
amber mutant, early gene, phage T4, recombination 814.
amber mutant, phage I3, isolation, Mycobacterium smegmatis 7027.
amber mutant, phage T4, recombination frequency, Escherichia coli mutants effects on 2223.
assembly, complementation/recombination, vaccinia virus 7818.
C-mutant, characterization/isolation, phage Tg13 6382.
CB121 mutant, phage T4, DNA polymerase, characterization 1465.
cells, mice, interferon production 4258.
constitutive, gene Q, characterization/isolation, phage λ 5555.
cro gene, characterization, phage λ 5552.
deletion mutant, antigen T nucleotide sequence analysis, SV40 6201.
deletion mutant, characterization/isolation, adenovirus (human) 2 7814.
deletion mutant, construction, SV40, methodology 7812.
deletion mutant, containing mRNA 16S leaders sequence, analysis/construction, SV40 7811.
deletion mutant, DNA, nucleotide sequence analysis, SV40 6384.
deletion mutant, Moloney leukaemia virus, genomes characterization/isolation, cell lines, mice 4816.
deletion mutant, phage λ, attachment sites, DNA nucleotide sequence 23.
deletion mutant, phage BF23, mapping 2775.
deletion mutant, polyoma virus, DNA sequence 4659.
deletion mutant, Rous sarcoma virus, DNA characterization 7822.
deletion mutant, SV40, antigen t coding regions nucleotide sequence 6234.
deletion mutant, SV40, DNA, nucleotide sequence analysis 3990.
deletion mutant, SV40, mRNA biosynthesis 2881.
development/characterization, visna virus, slow virus diseases, sheep 6733.
DNA biosynthesis defective temperature-sensitive mutant, phenotypic complementation, antigen T addition, SV40, CV-1 cells 818.
DNA mutant, Escherichia coli, effects on phage λ adsorption 3433.
dna mutant, Escherichia coli, phage φC DNA biosynthesis 1457.
dna mutant, Escherichia coli, phage G13 DNA replication 698.
DNA polymerase, recombination, phage T4 4176.
DNA restriction endonuclease cleavage sites, polyoma virus 817.
Escherichia coli, phage α3 replication 2931.
Escherichia coli, phage λ receptors, genetic analysis 4055.
Escherichia coli, phage φK replicative form DNA replication 4077.
gag gene, replication defective, proteins processing, C-type virus/D-type virus 3498.
gene Q activity, characterization/isolation, phage λ 5556.
gene 8, preheads structure, phage P22 3485.
genomes RNA deficient, characterization, Rous sarcoma virus 2227.
grpE mutant, Escherichia coli, characterization/transduction-phage λ 4205.
H gene, phage φX174, DNA biosynthesis, infected Escherichia coli 4078.
heads assembly, phage λ, genetic analysis 3488.
herpes simplex virus thymidine kinase, pathogenicity, mice 6762.
host range, polyoma virus, growth, nonpermissive cells/permissive cells, Moloney leukaemia virus infection effects on 7030.
host-range mutant, fowl plague virus, characterization 2231.
host range/temperature-sensitive mutant, mapping, adenovirus (human) 5 2225.
host-restricted mutant, complementation/host range/interference, vesicular stomatitis virus 6386.
host-restricted mutant, vesicular stomatitis virus, RNA biosynthesis, nonpermissive cells, man 6357.
hosts proteins content, Sindbis virus 1538.
influenza virus haemagglutinin, antigenicity/biological properties 3553.
insertion mutant, construction/restriction endonuclease EcoRI sensitivity, phage f1 7026.
interruption-deficient mutant, characterization/isolation, phage T5 4177.
interruption-deficient mutant, characterization, phage T5 4178.
mal mutant, Escherichia coli, effects on phage λ adsorption 3433.
maturation, isolation/characterization, phage T4 172.
non-transforming mutant, genome DNA, nucleotide

Mutants,(continued)
sequence, polyoma virus 2118.
nonsense mutant, DNA polymerase, genetic analysis, phage T4 3493.
nonsense suppressor mutant, characterization, phage BF23 804.
nontransforming, polyoma virus, antigen T induction, cell lines, mice 2284.
operators, Escherichia coli, effects on phage λ lysis, genetic analysis 7841.
phage λ DNA transcription termination, characterization 4862.
phage λ promoters, characterization 5553.
phage φC31, prophages, induction, nitrosoguanidine 5562.
phage Felix O resistance, Salmonella typhimurium, lipopolysaccharides cores defects 1551.
phage f2, suppression, streptomycin resistant mutant Escherichia coli ribosomes 5548.
phage LP-52 resistant mutant, Bacillus licheniformis, mapping, transduction-phage SP-15 4904.
phage P2, prevention-genes activation, phage P4 4171.
phage P22, regulation-repressors biosynthesis 4172.
phage T3, lysis, Escherichia coli 171.
phages resistant, Bacillus thuringiensis, characterization/isolation 6393.
phosphoacetate/phosphonoformate resistant mutant, biological properties, herpes simplex virus 1 7817.
polyoma virus, DNA endonuclease sites, proteins characterization 6199.
radiation (u.v.) sensitive, DNA repair, phage T4 815.
rec gene/uvr gene, Escherichia coli, reactivation-phage λ 5557.
replication defective mutant, Rous sarcoma virus, genetic analysis 4182.
repressors production, phage λ 1529.
restriction endonuclease sensitive mutant, phage T5 5598.
restriction endonuclease sensitive mutant, DNA modification, phage T5 5599.
rIIb mutant, recombination frequency 5567.
Saccharomyces cerevisiae killer factor 3912.
selection, vesicular stomatitis virus persistent infection, L cells 10.
tail fibres assembly/attachment, characterization/isolation, phage T4 4154.
temperature-sensitive, mapping (physical), adenovirus (human) 2 2224.
temperature-sensitive mutant, adenovirus (human) 5, infection, KB cells, RNA accumulation 743.
temperature-sensitive mutant, adenovirus (human) 5, RNA biosynthesis, regulation, DNA-binding protein 4111.
temperature-sensitive mutant, adenovirus (human) 2 assembly, genetic analysis 6385.
temperature sensitive mutant, antigenicity/use-vaccines, influenza A virus, man 5684.
temperature-sensitive mutant, B gene/C gene, characterization/isolation, SV40 1534.
temperature-sensitive mutant, characterization, phage φ6 812.
temperature-sensitive mutant, characterization/replication, in vitro, vesicular stomatitis virus 4051.
temperature-sensitive mutant, characterization/complementation, herpes simplex virus 1 4877.
temperature-sensitive mutant, characterization/production, pseudorabies virus 7033.
temperature-sensitive mutant, characterization, mouse hepatitis virus 7036.
temperature-sensitive mutant, characterization, adenovirus (human) 5 7815.
temperature-sensitive mutant, characterization/complementation/isolation, Autographa californica nuclear polyhedrosis virus 7827.
temperature-sensitive mutant, coxsackievirus B3, induction-myocarditis, mice 6092.
temperature-sensitive mutant, DNA, mapping, adenovirus (human) 5 2226.
temperature-sensitive mutant, DNA biosynthesis defective, characterization, herpes simplex virus 1 1480.
temperature-sensitive mutant, DNA characterization, adenovirus (human) 5 infected KB cells 7712.
temperature-sensitive mutant, Escherichia coli, capsid protein deficient phage Qβ derived from 4761.
temperature-sensitive mutant, fowl plague virus, characterization 2231.
temperature-sensitive mutant, fowl plague virus, haemagglutinin, characterization 4249.
temperature-sensitive mutant, fowl plague virus/influenza A virus, complementation/recombination, nonpermissive infection 6390.
temperature-sensitive mutant, genetic analysis, reovirus 3 3497.
temperature-sensitive mutant, genetic analysis/isolation 4189.
temperature-sensitive mutant, genetic analysis, Autographa californica baculovirus 7826.
temperature-sensitive mutant, herpes simplex virus, mRNA biosynthesis 2188.
temperature-sensitive mutant, herpes simplex virus, infection, neuroblastoma cells, hamsters/mice 5570.
temperature-sensitive mutant, high molecular weight DNA biosynthesis, adenovirus (human) 2, KB cells 6325.
temperature-sensitive mutant, host range/RNA polymerase, vesicular stomatitis virus 2230.
temperature-sensitive mutant, infected BHK-21 cells, herpes simplex virus 1 DNA biosynthesis 134.
temperature-sensitive mutant, influenza virus, review 5577.
temperature-sensitive mutant, initiation codons, phage T4 protein biosynthesis 4770.
temperature-sensitive mutant, interference, relationship-complementation, reovirus 3 5573.
temperature sensitive mutant, isolates-respiratory syncytial virus infection-Aotus trivirgatus/Pan troglodytes, stability 7037.
temperature-sensitive mutant, isolation, measles virus persistently infected lymphoblastoid cell lines, man 591.
temperature-sensitive mutant, isolation, Sendai virus, persistent infection, brain cells, mice 3966.
temperature-sensitive mutant, isolation, Venezuelan equine encephalitis virus 5574.
temperature-sensitive mutant, isolation, glycoproteins biosynthesis, vesicular stomatitis virus 5576.
temperature-sensitive mutant, isolation/characterization, adenovirus (human) 2 819.
temperature-sensitive mutant, Kirsten sarcoma virus, transformation, effects on epidermis growth factors receptors, kidney cells, rats 8125.
temperature-sensitive mutant, mapping (physical), markers rescue, herpes simplex virus 1 822.
temperature-sensitive mutant, membranes morphogenesis, characterization, phage PM2 4169.
temperature-sensitive mutant, Newcastle disease virus, induction-interferon, embryo cells, chickens 2975.
temperature-sensitive mutant, phage P2, lysogeny, Escherichia coli 2936.
temperature-sensitive mutant, phage SH-133, characterization/isolation, Pseudomonas facilis 5565.
temperature-sensitive mutant, polyoma virus, infected/

IRL©1979

Mutants,(continued)
transformed cells, antigen T characterization 4936.
temperature-sensitive mutant, polyoma virus, replication, cells, mice 5569.
temperature-sensitive mutant, production conditions, influenza virus 178.
temperature-sensitive mutant, pseudorabies virus, biological properties/isolation/use-vaccination, pigs 7956.
temperature-sensitive mutant, rabies virus protein biosynthesis/RNA biosynthesis 7759.
temperature-sensitive mutant, Rauscher leukaemia virus, membranes glycoproteins biosynthesis 4883.
temperature-sensitive mutant, Rauscher leukaemia virus, assembly, cell surface, fibroblasts, mice, induction, ligands/low temperature 5546.
temperature-sensitive mutant, recombinants, use-vaccines, influenza A virus, man 5683.
temperature-sensitive mutant, replication defective, isolation/mapping, cowpea chlorotic mottle virus 829.
temperature-sensitive mutant, replication defective avian erythroblastosis virus, leukaemogenicity, in vitro/in vivo 1764.
temperature-sensitive mutant, rescue, defective DNA, herpes simplex virus 1, cells 823.
temperature-sensitive mutant, respiratory syncytial virus, growth, nasal turbinates, ferrets 2734.
temperature-sensitive mutant, respiratory syncytial virus, infection, clinical manifestations/immune response, Aotus trivirgatus/Pan troglodtes 7455.
temperature-sensitive mutant, RNA biosynthesis, characterization, tobacco mosaic virus 1515.
temperature-sensitive mutant, RNA polymerase (RNA-dependent) activity, vesicular stomatitis virus 6355.
temperature-sensitive mutant, Rous sarcoma virus, kidney cells, rats, transformation, reversion-protein biosynthesis inhibition 3854.
temperature-sensitive mutant, Rous sarcoma virus, transformation, embryo fibroblasts, chickens 5116.
temperature-sensitive mutant, Sendai virus, assembly, role-M protein, kidney cells, hamsters 4853.
temperature-sensitive mutant, SV40, DNA, restriction endonuclease cleavage patterns 2120.
temperature-sensitive mutant, SV40, induction-antigen (tumour-specific), hamsters, in vitro/in vivo 1004.
temperature-sensitive mutant, SV40, induction-tumours, hamsters 5791.
temperature-sensitive mutant, SV40, transformed cells, hamsters, chromosomes abnormalities 2463.
temperature-sensitive mutant, tobacco mosaic virus, single-stranded RNA biosynthesis deficient 4150.
temperature-sensitive mutant, transcription defective, genetic analysis, vesicular stomatitis virus 1540.
temperature-sensitive mutant, transcription defective, characterization, herpes simplex virus 1 3460.
temperature-sensitive mutant, transformation, genomes characterization, Rous sarcoma virus 3680.
temperature-sensitive mutant, transformed kidney cells, rats, Rous sarcoma virus proliferation, role-calcium 317.
temperature-sensitive mutant, use-influenza virus vaccines, man 5681.
temperature-sensitive mutant, Venezuelan equine encephalomyelitis virus, infection/establishment carriers, HeLa cells 6874.
temperature-sensitive mutant, vesicular stomatitis virus, RNA biosynthesis 2212.
temperature-sensitive mutant, vesicular stomatitis virus, mixed infection-wild types, recombinants isolation failure, cell lines 4187.
temperature-sensitive mutant, vesicular stomatitis virus, rescue, radiation (u.v.) treated vesicular stomatitis virus 4188.
temperature-sensitive mutant, vesicular stomatitis virus, persistant infection, role-defective-interfering particles induction-interferon 5650.
temperature-sensitive mutant, vesicular stomatitis virus, persistent infection, pathology/symptoms, mice 6778.
temperature-sensitive mutant, vesicular stomatitis virus, persistent infection, immune response/pathology, mice 6779.
temperature-sensitive mutant, vesicular stomatitis virus, induction-cell fusion, neuroblastoma cell lines, mice 7546.
temperature-sensitive mutant, vesicular stomatitis virus, biological properties/experimental infection, mice 3429.
temperature-sensitive mutant, western equine encephalitis virus, genetic analysis, persistent infection, Aedes albopictus cell lines 3963.
temperature-sensitive mutant markers, transmission, transfection, fibroblasts, chickens, avian sarcoma virus B77 313.
thymidine kinase genes, genetic analysis, herpes simplex virus 4876.
thymine requiring, isolation, phage T4 4175.
transduction, phage Mu, characterization 7801.
transformation, Rous sarcoma virus, genomes RNA size 6914.
transformation, Rous sarcoma virus, induction-chick embryo neuroretinal cells proliferation 316.
transformation, Rous sarcoma virus, recovery of function, passage-chickens 5111.
transformation defective mutant, Rous sarcoma virus, induced tumours, RNA sequence, comparison-Rous sarcoma virus/transformation defective mtant 2787.
transversion mutant, production-oligodeoxyribonucleotides, phage φX174 7028.
visna virus, isolation, cell culture, antibodies treatment effects on 4628.
Mutation,
correction, oligodeoxyribonucleotides, phage φX174 DNA 811.
during vesicular stomatitis virus persistent infection, BHK21 cells 4885.
mapping, marker rescue, herpes simplex virus 1 176.
phage λ, radiation (γ), cysteamine/DNA repair defects effects on, Escherichia coli 4861.
phage T4, gene 45/gene 62, regulation sites 4871.
Myasthenia gravis,
aetiology, role-viruses, man 1078.
viruses aetiology, review 8186.
Mycobacterium,
conjugation, transformation/transfection/lysogeny, review 840.
phage I3 DNA injection, inhibition, Tween-80 4054.
phage typing, methodology 2924.
phages, conference 3366.
phages/phage typing, review 2930.
phges, review 4199.
Mycobacterium lacticolum,
DNA base composition, association-lysogeny 835.
Mycobacterium leprae,
phage D_{29} adsorption 1433.
phage D29 infection, effects on cell walls 6397.
Mycobacterium smegmatis,
phage ATCC 11759, DNA, physicochemical properties 3970.
phage I3 amber mutant isolation 7027.

Mycobacterium tuberculosis,
enhancement-encephalomyocarditis virus infection resistance, mice, mechanisms 3892.
phage typing, tuberculosis epidemiology, immigrants, British Isles, England 2925.
virulence, guinea-pigs, relationship-phage typing 836.
Mycoplasma,
viruses, incidence/properties/replication/ultrastructure, review 2812, 2813.
Mycoplasma gallinarum,
mixed infection-avian infectious bronchitis virus/Newcastle disease virus, induction-airsacculitis, chickens 6787.
mixed infection-parvovirus, pathogenicity, geese 1993.
Mycoplasma hyorhinis,
physicochemical properties, comparison-oncornavirus 7636.
Mycoplasma pulmonis,
resistance, mice, Sendai virus infection effects on 2018.
Mycoplasma synoviae,
mixed infection-reovirus, pathogenesis, chickens 1252.
Mycoplasmatales virus-laidlawii,
persistent infection, Acholesplasma laidlawii 844.
Mycoplasmatales virus-laidlawii 2,
DNA, characterization 2108, 2109.
Mycoplasmatales virus laidlawii 3,
isolates, infected Acholeplasma laidlawii, intracellular viruses, electron microscopy 2870.
Mycorrhizas,
effects on tobacco mosaic virus infection, Nicotiana 6825.
Nicotiana tabacum, tobacco mosaic virus infection effects on 554.
Mycosis fungoide,
treatment, association-Kaposi's varicelliform eruption, case reports, chemotherapys 3738.
Myelin,
degeneration, electron microscopy, central nervous system/peripheral nervous system organ culture, mice, herpes simplex virus infection 5445.
proteins, immunity (cell mediated), multiple sclerosis, man 1183.
Myelitis,
anterior, complications-West Nile fever, man, case reports 7309.
complications-varicella, case reports 1100.
Myeloencephalitis,
herpesvirus (equine) 1, outbreaks, horses 5311.
Myeloma,
cell lines, C-type particles producing, susceptibility-cytotoxic antibodies, melphalan effects on 4364
cells, hybrids-spleen cells, mice, production-herpes simplex virus 1 antibodies 7857.
Myelomatosis,
viruses aetiology, man 7123.
Myelopathy,
association-herpes zoster, man, case reports 4421.
Myeloproliferative diseases,
man, association-chromosome aberrations + oncornavirus markers 6601.
man, DNA polymerase (RNA-dependent) activity, leucocytes/spleen cells 8137.
Mykines virus,
isolation, Ixodes uriae, Faeroe Is. 8418.
Myocardial infarction,
association-influenza, man 3198.
man, role-viruses, case reports 1839.
Myocarditis,
association-viruses, man 3159.
clinical manifestations/treatment, vaccinia virus vaccination complications, case reports 4271.
coxsackievirus, clinical manifestations/ECG studies, children 6639.
coxsackievirus, incidence/role-mortality, man 7304.
coxsackievirus B1/coxsackievirus B4, ventricular aneurysm complications, mice 5332.
Coxsackievirus B3, immunity (cell-mediated), mice 961.
coxsackievirus B3/coxsackievirus B4, pathology, mice 4548.
coxsackievirus B4, complications-Hodgkin's disease, man, case reports 1854.
dengue virus, diagnosis/incidence, man 3187.
Epstein-Barr virus, infectious mononucleosis, children, case reports 5909.
induction, coxsackievirus B3 strains, mechanisms, mice 7445.
man, diagnosis 1063.
man, role-viruses 364.
mice, induction-coxsackievirus B3 temperature-sensitive mutant 6092.
parvovirus aetiology, dogs, juveniles 7402.
viruses, role-death, dogs, juveniles 6042, 6043.
western equine encephalitis virus, clinical manifestations/pathology/electrocardiogram studies, mice 537.
Myositis,
association-hepatitis B, case reports 3214.
Mythimna separata,
nuclear polyhedrosis virus, experimental infection, Bombyx mori 6115.
Myxoma virus,
seroepidemiology, Oryctolagus cuniculus, Australia, role-fleas 1220.
strains, plaques formation, pH/temperature sensitivity, relationship-pathogenicity, rabbits 6162.
transmission, Spilopsyllus cuniculi, use-biological control, rabbits 7427.
vaccination, rabbits 937.
Myxomatosis,
epidemiology, Spilopsyllus cuniculi effects on, rabbits, Australia 3867.
epizootiology, Oryctolagus cuniculus, Australia 504.
use-biological control, rabbits 7427.
Myxovirus,
infection, central nervous system, immune response, hamsters 7188.
respiratory tract infection, immunoglobulins levels, infants 1693.
review 6951.
RNA/gene expression, review 1511.
Myzus persicae,
transmission-bean yellow mosaic virus 2053.
transmission-beet mild yellowing virus, Beta vulgaris 8457.
transmission-potato leaf roll virus 1306.
transmission-potato leaf roll virus, absence-replication 5358.
transmission-potato leaf roll virus; Physalis pubescens 6137.
transmission-potato virus Y, Nicotiana tabacum/Solanum tuberosum, Netherlands 6820.
transmission-watermelon mosaic virus, Cucurbita pepo, mulches effcts on 8461.

N.m.r.,
tobacco mosaic virus proteins polymerization 66.
N-1 virus,
replication, Nostoc muscorum, pH/EDTA effects on 1430.
resistance, Nostoc muscorum, genetic analysis 6117.
Nairobi sheep disease virus,
antigenic relationship-Congo virus/Dugbe virus/Ganjam

IRL©1979

Nairobi sheep disease virus,(continued)
virus/Hazara virus 2962.
seroepidemiology, goats/sheep/transmission-Rhipicephalus appendiculatus, Kenya 1985.
Nalidixic acid,
antibiotic resistance, Escherichia coli, transduction, nalA gene, phage λ 4204.
α-Naphthaleneacetic acid,
effects on tobacco mosaic virus replication, Nicotiana tissue culture 1284.
Naphthalic acid,
derivatives, binding-Sendai virus, fluorometry 5485.
Napthylamine-2,
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Narcissus poeticus,
New Zealand, tobacco rattle virus isolated, physicochemical properties 5492.
Nauru,
hepatitis B surface antigen seroepidemiology, man 4499.
Ndumu virus,
propagation, Aedes, methodology 6113.
Neisseria gonorrhoeae,
infection, differential diagnosis-hepatitis B, case reports 8259.
phages isolation 2236.
Nematoda,
transmission-viruses, Humulus lupulus, review 7485.
Neoaplectana carpocapsae,
infection, Pseudaletia unipuncta, granulosis virus infection effects on 3907.
Neonatal calf diarrhoea virus,
haemagglutinin, physical properties 3552.
polypeptides, characterization 6931.
Neonates,
cattle, parainfluenza virus 3 infection pathogenesis/immune response 1209.
cattle, viruses induction-diarrhoea (neonatal calf), pathogenesis 1238.
coxsackievirus B infection, diagnosis confirmation 1825.
cytomegalovirus infection, case reports 1091.
hepatitis B prophylaxis, immunoglobulins 218.
herpes simplex virus infection, associated-chorioretinitis 5185.
herpesvirus infection, case reports 1081.
man, cytomegalovirus infection, polyneuritis complications, case reports 1086.
man, measles virus infection, immunosuppression 1722.
man, respiratory syncytial virus infection 5209.
man, rotavirus infection, incidence/symptoms 2624.
man, viruses pneumonia diagnosis 8166.
risks-herpes simplex virus infection, breast, man, case reports 5897.
sheep, louping-ill virus vaccination, antibody response 939.
sheep, natural/experimental Wesselsbron disease, pathology/clinical manifestations 488.
small-for-gestational age, rubella virus immunoglobulin M levels 5728.
transmission-herpes simplex virus genital tract infection, prophylaxis, man 2655.
Nepal,
measles virus immunity, children 277.
Nephotettix,
transmission-rice waika virus, Oryza 6138.
transmission-rice waika virus, Oryza sativa, Japan 5385.
Nephotettix cincticeps,
transmission-rice dwarf virus, mathematical models 2755.
Nephotettix virescens,
transmission-rice tungro virus, Oryza sativa, prophylaxis, insecticides 8464.
transmission-rice tungro virus-like particles, Oryza sativa 5378.
Nephropathy,
association-hepatitis B virus immunocompetence, man 5753.
Nepoviruses,
RNA, molecular weight determination 640.
Nerves,
cells, herpes simplex virus replication 2085.
cells, man, nuclei ultrastructure, herpes simplex virus 2 infection 7529.
hamsters, lyssavirus infection, detection 1263.
herpes zoster pathology, man 2564.
Nervous system,
cholinesterase/lactate dehydrogenase/alkaline phosphatase levels, chickens, Marek's disease virus experimental infection 533.
herpes simplex virus infection, clinical manifestations/transmission (sexual)/treatment, case reports 6672.
mice, herpes simplex virus 1 infection, mice effects on 6084.
mice, Makola virus replication 5343.
physiology, man, rabies 5930.
Netherlands,
bovine mammillitis virus seroepidemiology, cattle 497.
bovine rhinotracheitis virus infection control/epidemiology/vaccination, cattle 1978.
hepatitis A virus antibodies incidence/significance, man 8313.
poliomyelitis outbreaks, association-Canada outbreaks, seroepidemiology, man 3227.
potato virus Y infection, incidence/transmission, Myzus persicae, Nicotiana tabacum/Solanum tuberosum 6820.
vaccination programmes/recommendations, man 2368.
Neuramide,
treatment-herpes zoster 1938.
Neuraminidase,
antigenic characteristics, influenza A virus, kidney/lung cell culture persistent infection, man 4954.
antigenic characteristics, influenza A virus isolates 7891.
antigenic drift detection, methodology, influenza A virus 5615.
characterization/purification, Sendai virus 3561.
contamination, rabies virus vaccines, derived ducks embryos 4991.
correlation-parainfluenza virus 3 infection/induction-immune response, cattle juveniles 3322.
effects on haemagglutination, viruses 4248.
effects on Sindbis virus phenotype, I-cell disease fibroblasts, man 586.
immune response (cell-mediated), man, influenza A virus 2302.
influenza A virus, growth-chick embryos/kidney cells-man/cattle effects on 5434.
influenza virus A, comparison-Balaenopteridae/man isolates 4953.
structure/function, influenza virus, review 1603.
subtypes, detection, methodology, influenza A virus 4250.

characterization, influenza A virus strains, turkeys, British Isles 5631.
Neuraxitis,
coxsackievirus B3/influenza B virus/measles virus/mumps virus, clinical manifestations/epidemiology, man, Italy 1104.
Neuroblastoma,
cells, hamsters/mice, herpes simplex virus temperature-sensitive mutant infection 5570.
Neuroblastoma cells,
mice, interferon induction/activity 210.

Neuroblastoma cells,(continued)
mice, mouse hepatitis virus stability, chronic infection 9.
Neurological complications,
associated-rabies virus vaccination, man 3024.
canine distemper virus + canine hepatitis virus combined vaccines, dogs 4290.
children, mumps meningoencephalitis, case reports 404.
infectious mononucleosis, man, case reports 3746, 5191.
Neurological diseases,
associated-coxsackievirus, diagnosis/symptoms, man 3181.
association-Kemerovo virus/Lipovnik virus, man, Czechoslovakia 5254.
clinical manifestations/viruses aetiology, man 5884.
viruses aetiology, man 5883.
Neuropathogenesis,
dexamethasone treated cattle juveniles, bovine rhinotracheitis virus recurrent infection 1997.
Neurovirulence,
cell culture attenuated mumps virus, Macaca rhesus 6110.
Macaca irus/Macaca mulatta/Cercopithecus aethiops, animal models, evaluation-poliovirus vaccines 913.
measles virus/subacute sclerosing panencephalitis virus, monkeys 3900.
Neutral red,
photosensitization-herpes simplex virus 1 1536
Neutralization,
activity, herpesvirus (equine) 1 envelopes/nucleocapsids antibodies 7889.
antibodies, bovine leukaemia virus, use-Chandipura virus/vesicular stomatitis virus pseudotypes 5610.
antibodies, role-rubella immunity, man 5040.
antibodies independent, vesicular stomatitis virus, complement 3086.
assays, adenovirus (human) 1/adenovirus (human) 17, methodology 6409.
assays, potato yellow dwarf virus/wound tumour virus, Aceratogallia sanguinolenta/Agallia constricta cell culture 1579.
detection-antibodies, Borna virus infection, rabbits 2275.
detection-infectious bursitis virus antibodies, comparison-precipitin test, chickens 4911.
detection-mumps virus antibodies 7079.
detection-pseudorabies virus antibodies, use-complement, pigs 850.
detection-rabies virus antibodies, comparison-immunoelectrophoresis (counter) 2268.
detection-rabies virus antibodies, methodology 861.
diagnosis-adenovirus (equine) infection, horses 7854.
diagnosis-bovine rhinotracheitis/pseudorabies/transmissible gastroenteritis 6412.
ECHOvirus 4/enterovirus (human) 70, GMK-AH1 cells/RD cells/Vero cells 5635.
foot-and-mouth disease virus immunoglobulin G/immunoglobulin M, relationship-serum protection, mice 4315.
Mason-Pfizer monkey virus antigens, serum-kidney diseases patients 1600.
mechanisms/complement requirements, herpes simplex virus 1599.
micromethods, detection-viruses antibodies 2251.
plaques, bluetongue virus, methodology 7860.
plaques, rubella virus antibodies, methodology 7071.
plaques, tests, mumps virus antibodies detection 2952.
rabies virus, methodology 5.
tests, dengue virus/Japanese encephalitis virus, methodology 6419.
tests, foot-and-mouth disease virus vaccines potency control 5698.
tests, mice, rabies virus immunoglobulins quantitation 6481.
transmissible gastroenteritis virus, normal serum 2967.
typing-herpes simplex virus 2252.
typing-herpes simplex virus 1/herpes simplex virus 2 6411.
varicella-zoster virus, comparison-enzyme immunoassay 2942.
vesicular stomatitis virus pseudotypes, sera derived from avian sarcoma virus infected chickens 5739.
Neutron scattering,
cauliflower mosaic virus 7643.
New Guinea,
arbovirus seroepidemiology, man 6682.
New Zealand,
adenovirus seroepidemiology, chickens 8369.
barley stripe mosaic virus identification/infection, Hordeum vulgare 2049.
cherry leaf roll virus incidence/symptoms/transmission, Rubus idaeus 3353.
Cynosurus mottle virus characterization/epidemiology/host range/transmission 6818.
herpes genitalis epidemiology, man 7343.
influenza A outbreaks, immune response/epidemiology, man 437.
Johnston Atoll virus isolation-Ornithodoros capensis, Sula bassana servator 3299.
raspberry bushy dwarf virus/tomato ringspot virus detection, Rubus idaeus/Ribes rubrum 6132.
scrapie control/transmission, sheep 2675.
viruses respiratory tract infection incidence, children 1070.
Newcastle disease,
atypical outbreaks, relationship-vaccination, chickens 1975.
control/epidemiology, chickens, Cyprus, review 7436.
control/prophylaxis, poultry, Austria 7963.
diagnosis/symptoms/vaccination, raptors 7415.
epidemiology, Falconiformes/Strigiformes 8387.
outbreaks, poultry, British Isles 522.
protection, butylated hydroxytoluene, chickens 1737.
Newcastle disease virus,
adsorption, effects on membranes microviscosity, in vitro 3439.
adsorption/penetration, membranes, embryo cells, chickens 2857.
antiviral activity, 2-amino-4-arylamino-s-triazines derivatives 5081.
antiviral activity, pantomycin 7201.
antiviral activity, tunicamycin, lipids effects on 1743.
avirulent strains, use-vaccines 2422.
cell fusion, quantification, flow microfluorometry 592.
combined vaccines-Escherichia coli, efficacy, chickens 2424.
cytopathic effect, hydrocortisone effects on 5437.
defective-interfering particles, isolation/characterization 5484.
disease spread, laboratories personnel 3250.
effects on platelets aggregation/survival, rabbits 1267.
experimental infection, distribution-organs, immunofluorescence, chickens 2017.
glycoproteins, role-biological properties, pathogenicity, review 2139.
haemagglutination inhibition, test conditions effects on 2274.
haemagglutinin, erythrocytes receptors, role-sialic acid 6459.
haemagglutinin, temperature stability 4956.
hosts antigens incorporation 3422.
identification/isolation, Cacatua moluccensis, Australia 4601.
immunity (cell-mediated), detection-leucocytes migration inhibition tests, multiple sclerosis, man 4516.
immunity, induction-related paramyxovirus (avian), chickens 8010.

IRL©1979

Newcastle disease virus,(continued)
inactivated, induction-interferon, dogs 7120.
inactivated/live vaccines, antibody response, administration routes effects on, chickens 5022.
incidence, poultry, Hong Kong 3877.
induced fusion, role-membranes glycoproteins, CHO cells 5438.
induced interferon, characterizaton/heterogeneity 7104.
induced interferon, fibroblasts, man, body fluids effects on 6469.
induction-interferon, cell density effects on kinetics/levels, in vitro 4260.
induction-interferon, in vitro, review 2336.
induction-interferon, kinetics, mice 7116.
induction interferon, levels-lymph nodes/spleen/thymus, mice 7115.
induction-interferon, lymphoblastoid cell lines, man 7908.
induction-interferon, mice, BCG effects on 2990.
induction-interferon, rats/rats cells 5649.
induction-interferon, tunicamycin effects on, in vitro 4967.
induction-interferon, use-prophylaxis, dengue virus haemorrhagic fever/Japanese encephalitis, mice 5652.
infection, antibody response, immunoglobulins classes characterization, chickens 6537.
infection, effects on lipids metabolism, chickens embryo cells/hamsters kidney cells 4752.
infection, immune response, chickens, infectious bursitis virus effects on 980.
infection, immune response/vaccination, poultry 252.
infection, interferon/phagocytosis-macrophages, mice 214.
isolation, Anas platyrhynchos borneo/Cairina moschata, Indonesia 1206.
isolation, Bambusicola thoracica/Francolinus pintadeanus, Hong Kong 2712.
isolation, Cacatua moluccensis, Australia 7434.
isolation, respiratory tract diseases, turkeys 1955.
lentogenic strains, comparison-haemagglutination/pathogenicity-chick embryos/chickens/properties 2774.
local immune response, in vitro/in vivo, chickens 1723.
membrane proteins, iodination 2808.
membrane proteins, localization 4028.
membranes, Vibrio cholerae toxins radioactive labelling 6952.
mixed infection-Mycoplasma gallinarum, induction-airsacculitis, chickens 6787.
replication/polypeptides biosynthesis, caffeine treated embryo cells, chickens 7014.
review 2823.
mRNA (guanine-7-)-methyltransferase, inhibition, sinefungin 1486.
rRNA, molecular weight, electron microscopy 1450.
mRNA translation/transcription, in vitro 782.
seroepidemiology, aquatic birds, USA, Oklahoma 7419.
seroepidemiology, ducks, India 7435.
strains, tissues distribution, relationship-antibody response, chickens 6786.
strains differentiation, infected chick embryos allantoic fluid enzymes activity 4633.
structural protein cross-linking, imido esters 1403.
susceptibility, Buteo buteo/turkey, in vitro 5439.
temperature-sensitive mutant, induction-interferon, embryo cells, chickens 2975.
vaccination, chickens, immunity (passive) effects on 4298.
vaccination, comparison-strains, chickens 7964.
vaccination, efficacy, chickens 1689.
vaccination, efficacy, relationship-haemagglutination inhibition, chickens 945.
vaccination, recommendations, chickens 7160.
vaccines, administration/efficacy/preparation, chickens 3059.
vaccines, aerosols, efficacy, chickens 5020.
vaccines, antibody response, chickens 2423.
vaccines, antibody response/efficacy, vaccination routes effects on, chickens 5021.
vaccines, efficacy, chickens 3617, 7161.
vaccines, efficacy/safety, chickens 2426.
vaccines, stability/storage 944.
vaccines administration, sprays/aerosols, chickens, comparative studies 943.
vaccines derived from cell culture, pigs, efficacy, chickens 2425.
virulent strains, in vitro/in vivo characterization 2101.
Nicotiana,
absence-hypersensitivity N gene, tobacco mosaic virus infection, lesions/resistance 8447.
alfalfa mosaic virus infected, RNA polymerase (RNA-dependent) properties 3476.
Bulgaria, broad bean wilt virus/henbane mosaic virus/turnip mosaic virus properties/infection incidence/symptoms 2832.
cucumber mosaic virus detection, enzyme-linked immunosorbent assay/immunodiffusion 4930.
potato virus X infection, effects on peroxidases isoenzymes/physicochemical properties 5376.
ribosomes, sonchus yellow net virus infected, sonchus yellow net virus RNA sequence complementarity 7778.
tissue culture, tobacco mosaic virus replication, kinetin/α-naphthaleneacetic acid effects on 1284.
tobacco mosaic virus infection, antiviral agents stimulation/mechanisms 287.
tobacco mosaic virus infection, mycorrhizas effects on 6825.
tobacco mosaic virus resistance 553.
Nicotiana clevelandii,
cells, hypochoeris mosaic virus inclusions, electron microscopy 1302.
Nicotiana clevelandii x Nicotiana glutinosa hybrids,
Agrobacterium tumefaciens + tobacco tumour virus mixed infection, effects on plastids development 2045.
Nicotiana glutinosa,
acquisition-susceptibility, tobacco mosaic virus infection, mechanisms 6803.
cytokinins activity, tobacco ringspot virus infection effects on 6804.
lettuce necrotic yellow virus infected, RNA polymerase (RNA-dependent), assays 2909.
potassium pyroantimonate precipitates distribution, tobacco mosaic virus infection effects on 7480.
tobacco mosaic virus infected, cells, ultrastructure 3351.
tobacco mosaic virus infectivity, enhancement, Houttuynia cordata leaves extracts 3926.
tobacco mosaic virus replication/translocation, relationship-inoculation sites 2751.
tobacco mosaic virus/tomato spotted wilt virus infection, physiology changes, impedance studies 2043.
Nicotiana sylvestris,
tobacco mosaic virus/tomato mosaic virus infection, symptoms 4950.
Nicotiana tabacum,
alfalfa mosaic virus RNA translation, infected 2215.
cell walls, interaction-tobacco rattle virus uncoating 7652.
cells permeability, tobacco mosaic virus infection effects on 3348.
growth, launaea mosaic virus/spinach mosaic virus infection effects on 5374.
hypersensitivity, tobacco mosaic virus infection, o-diphenol O-methyltransferase characterization 3347.
leaves, ATPase (Mg dependent), tobacco mosaic virus

Nicotiana tabacum,(continued)
infection effects on 6289.
leaves, indoleacetic acid levels, tobacco mosaic virus infection hypersensitivity 3925.
mesophyll protoplasts, tobacco necrotic dwarf virus infection/replication 3431.
Netherlands, potato virus Y infection, incidence/transmission 6820.
Nigeria, pepper veinal mottle virus identification/isolation 6854.
potato virus Y infection, symptoms/effects on yield 5377.
protoplasts, brome mosaic virus protein biosynthesis/proteins characterization 4838.
protoplasts, bromovirus/tobacco mosaic virus RNA infection, methodology 1443.
protoplasts, phage λ DNA uptake 4733.
protoplasts, tobacco mosaic virus repliation, inhibition, serum, rabbits 3914.
RNA polymerase (RNA-dependent), characterization/purification/role-tobacco mosaic virus RNA biosynthesis 3479.
tobacco mosaic virus infected, superinfection resistance, mechanisms 3915.
tobacco mosaic virus infection, effects on formaldehyde levels 4580.
tobacco mosaic virus infection, indoleacetic acid effects on 6805.
tobacco mosaic virus infection, lesions ultrastructure/viruses occurrence 5379.
tobacco mosaic virus infection, physiology changes, impedance studies 2043.
tobacco mosaic virus infection effects on mycorrhizas/disease resistance 554.
tobacco mosaic virus resistance, polyacrylic acid effects on 2033.
tobacco rattle virus detection, enzyme-linked immunosorbent assay 871.
isoNicotinic acid hydrazide,
copper binding, inactivation/inhibition-Rous sarcoma virus 1741.
Nigeria,
arbovirus seroepidemiology, man 5975.
arbovirus transmission, Aedes 8289.
Dioscorea viruses infection 6130.
diseases mortality 408.
herpes simplex virus 1/herpes simplex virus 2 antibodies incidence, man 5240.
herpes simplex virus 2 seroepidemiology/transmission (sexual), man 6673.
infectious bursitis seroepidemiology, Gallus domesticus/Ploceus cucullatus/Uraeginthus bengalus 511.
Lassa fever virus antibodies incidence, Mastomys natalensis 3870.
orf outbreaks, goats/sheep 3294.
pepper veinal mottle virus identification/isolation, Nicotiana tabacum 6854.
rabies outbreaks, pigs, case reports 7411.
rinderpest virus strains isolation, goats/sheep 7417.
rotavirus association-gastroenteritis, children 3719.
rubella virus seroepidemiology, man 6686.
sweet potato internal cork virus/sweet potato mosaic virus infection, Ipomoea batatas 3357.
5-Nitrofuran,
derivatives, effects on antibacterial activity, EscherichIa coli 4193.
Nitrogen,
compounds, Solanum tuberosum, potato virus X/potato virus Y/potato virus L/potato virus S effects on 3923.
fertilizers, effects on rice tungro virus infection incidence/symptoms, Oryza sativa 8445.
metabolism, Vigna sinensis, southern bean mosaic virus infection effects on 7476.
4-Nitroquinoloine oxide,
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Nitrosoguanidine,
induction-phage φC31 prophages mutants 5562.
Nitrous acid,
stimulation-recombination, mechanisms, phage T4 7807.
Nocodazole,
effects on Semliki Forest virus morphogenesis, BHK-21 cells 157.
Nodules,
Rhizobium, bean yellow mosaic virus infection 5370.
Nomads,
Somalia, smallpox eradication/incidence 2616.
Noncirrhotic portal fibrosis,
association-cytomegalovirus infection, children, case reports 5186.
Nonoxynol 9,
treatment-herpes genitalis/herpes progenitalis, man 6023.
Norwalk agent,
aetiology, enteritis, children, review 8182.
antibodies, detection, immune adherence haemagglutination/radioimmunoassay 2259.
antibodies, incidence, Crohn's disease, man 7308.
antibodies incidence, immune adherence haemagglutination, man 3789.
gastrointestinal tract infection, diagnosis, man 1822.
induction-gastroenteritis, chimpanzees 2728.
infection, gastrointestinal tract inflammation, pathology, man 4439.
role-gastroenteritis outbreaks, man 8229.
transmission, diarrhoea, man 3229.
virus-like particles, association-gastroenteritis, man 2578.
Norway,
bunyavirus strains isolation-mosquitoes 3794.
tick-borne encephalitis virus antibodies incidence, man 5258.
tick-borne encephalitis virus isolation, Ixodes ricinus 1144.
Nostoc muscorum,
cyanophage N-1, metals effects on 2817.
N-1 virus replication, pH/EDTA effects on 1430.
N-1 virus resistance, genetic analysis 6117.
Ntaya virus,
immune complexes-antibodies, infection, Aedes aegypti cells, effects on viruses yield/use, viruses assays 5606.
Nuclear polyhedrosis bundle virus,
DNA, molecular weight determination 6221.
Nuclear polyhedrosis single-rod virus,
DNA, molecular weight determination 6221.
Nuclear polyhedrosis virus,
activity standardization, biological control, Orgyia pseudotsugata 548.
adsorption/uncoating, Heliothis zea midgut cells 1442.
antigens, stimulation-DNA biosynthesis, lymphocytes, man 3444.
antiviral activity, Bombyx mori fluorescence proteins 5770.
Autographa californica, adaptation-Spodoptera littoralis 5355.
Autographa californica, growth, Trichoplusia ni cell lines 595.
Autographa californica, infected TN-368 cells, oxygen consumption 1448.
Autographa californica, infection, TN-368 cells 594.
biological control, Autographa californica/Galleria

IRL©1979

Nuclear polyhedrosis virus,(continued)
mellonella 8427.
biological control, Spodoptera exigua, Glycine max crop fields 3327.
biological control, Spodoptera litura 5356.
biological control-Heliothis zea 8426.
biological control-Spodoptera litura 7462.
combination-granulosis virus/Bacillus thuringiensis/chlordimeform, control-Pieris rapae/Trichoplusia ni 2740.
development, Galleria mellonella, temperature effects on 547.
DNA, characterization 1381, 4005, 4007, 7603.
DNA, physicochemical properties 6227.
DNA, restriction endonuclease analysis, comparison-infectious forms, Autographa californica 639.
DNA, size 5456.
DNA mapping 4006.
envelopes, charge, relationship-infectivity, Pseudaletia unipunctata 3328.
host range/infectivity, pH/temperature effects on 4042.
inclusion bodies, characterization/silicon levels 6794.
inclusion bodies, infectivity, Lymantria dispar, storage effects on 4572.
inclusion body protein, amino acid seqence 64.
inclusions, pathogenesis, Spodoptera litura 550.
infection, Anticarsia gemmatalis, fat body cells ultrastructure 7464.
infection, Aporia crataegi, effects on proteins metabolism 7465.
infection, Bombyx mori larvae, effects on cuticle formation 1276.
infection, effects on Bombyx mori fat body during moulting 1277.
infection, incidence, Erannis defoliaria/Operophthera brumata, Germany, Fed. Rep. 6793.
infection, insects, Colombia 3910.
infection, susceptibility, poultry 8415.
infection, viruses heterogeneity, Autographa californica/Trichoplusia ni larvae 8425.
infection outbreaks, pathogenesis, Anomis flava, Gossypium 549.
isolation, Nymphula depunctalis 7466.
isolation/pathogenicity/pathology/replication, Anticarsia gemmatalis 6146.
Lymantria dispar, aerial applications, effects on mammals 3329.
Mythimna separata, experimental infection, Bombyx mori 6115.
passage in vitro/in vivo, structural protein characterization 4025.
pathogenicity, chickens 3901.
pathogenicity, dose effects on, Heliothis armigera 5350.
pathology, Heliothis armigera 2023.
persistence/production, Orgyia pseudotsugata 8424.
plaque assay, Autographa californica cell culture 575.
polydispersity/size, electron microscopy/resistive-pulse analysis/spectroscopy 1425.
polyhedral protein, characterization 3413.
polyhedral protein, tryptic peptides, amino acid sequence 49.
polyhedral protein, tryptic peptides isolation composition 65.
proteins, characterization 6242.
proteins, characterization, peptide mapping 2140.
proteins/virions, comparison-Autographa californica/Pseudoplusia includens/Trichoplusia ni isolates 6942.
radioimmunoassay, Trichoplusia ni 193.
stability 6258.
strains, DNA, restriction endonuclease mapping 6243.
strains, interference, mixed infection, Pseudaletia unipuncta 3908.
structure, Biston hirtaria 4043.
susceptibility, Lymantria dispar cell lines 1275.
temperature-sensitive mutant, characterization/complementation/isolation 7827.
transmission, role-birds 3909.
use-biological control Spodoptera littoralis 4571.
use-Heliothis zea control, methodology 5357.
Nuclease,
analysis-Rous sarcoma virus RNA 2126.
cleavage-herpes simplex virus DNA, infected cells 6268.
cleavage sites, avian sarcoma-leucosis virus DNA intermediates, Aspergillus oryzae 1499.
Nuclease S1,
digestion fragments, characterization, phage MS2 RNA polymerase (RNA-dependent) cistrons 4641.
phage PM2 DNA cleavage 25.
Nuclei,
CV-1 cells, SV40 yield after uncoating 679.
herpes simplex virus replication DNA accumulation, in vitro 129.
liver cells, man, ultrastructure, herpes simplex virus 2 infection, electron microscopy 6962.
ultrastructure, curly top virus infection, Amsinckia douglasiana 6815.
Nucleic acid,
hybridization, use-mammary tumour virus transmission, mice, review 2500.
intrinsic, requirements, scrapie agent replication 1432.
Nucleocapsids,
assembly, precursors detection, Semliki Forest virus, embryo fibroblasts, chickens 795.
assembly/metabolism, Sendai virus 799.
biosynthesis, vesicular stomatitis virus, defective-interfering particles replication effects on, hamsters kidney cells 3472.
electron microscopy/structure, coronavirus (human) 229E, comparison-paramyxovirus 4038.
proteins, antigenic determinants/isolation, herpes simplex virus 2794.
subunits characterisation/separation, phage PM2 4605.
subunits morphology, Semliki Forest virus/Sindbis virus 6948.
Nucleoproteins,
antigenic characteristics/antigenic drift, influenza A virus 4946.
comparison-influenza A virus strains 5471.
complex, association-antigen T, SV40 2882.
complex, characterization/identification, SV40 7632.
complex, characterization/isolation, SV40 infected CV-1 cells 3417.
complex, multiple forms, characterization/detection, SV40 1472.
extraction, SV40 virions stability during 6160.
isolation, turnip yellow mosaic virus, alkalinity effects on 7517.
organization, chromatin, embryo cells, rats, relationshp-bromodeoxyuracil activation-endogenous oncornavirus 3671.
Nucleoside triphosphatase,
characterization, avian myeloblastosis virus 763.
Nucleosides,
derivatives, antiviral activity, review 3105.
transport, inhibition-adenosine (5′-deoxy-5′-S-isobutylthio), embryo fibroblasts, chickens, Rous sarcoma virus transformation effects on 6576.
C-Nucleosides,
antiviral activity/synthesis 8031.
thiazole derivatives, antiviral activity, herpes simplex virus 1/

C-Nucleosides,(continued)
parainfluenza virus 3/rhinovirus (human) 13 994.
Nucleosomes,
arrangement, SV40 chromatin, electron microscopy 118.
like subunits, adenovirus (human) 2 DNA 4666.
Nucleotide sequence,
adenovirus (human) 5 DNA transforming fragments 6909.
alfalfa mosaic virus RNA 5′-terminus 4686.
BK virus DNA, homology SV40 4656.
comparison, feline sarcoma virus strains genomes 6915.
cucumber mosaic virus associated satellite RNA 643.
DNA coding antigen T, homology-SV40/polyoma virus, comparative studies 6448.
homology, potato spindle tuber viroid complementary DNA, in vitro 786.
homology-AKR leukaemia virus/mink cell focus-inducing virus RNA 6217.
homology-endogenous oncornavirus-Mus cervicolor/A-type particles Mus musculus, RNA 6215.
phage f1 genes 6378.
Nucleotides,
levels/ratios, Arachis hypogaea, groundnut chlorotic spot virus infection effects on 8443.
pools, effects on DNA biosynthesis fidelity, phage φX174 7669.
reaction-hypochlorous acid, relationship-viruses inactivation 6228.
Nudaurelia β virus,
physical properties 2152.
Nudaurelia ε virus,
physical properties 2152.
Nuerovirulence,
influenza A virus recombinants, mice, in vitro/in vivo 6782.
Nulip,
treatment-measles, man 7386.
Nutrition,
relationship-immunity/infection, book 8470.
Nymphicus hollandicus,
herpesvirus isolation/antigenic characteristics 1581.
Nymphula depunctalis,
nuclear polyhedrosis virus isolation 7466.

O′nyong nyong fever,
control/epidemiology/transmission, man 5976.
Oat sterile dwarf virus,
antigenic relationship-Arrhenatherum blue dwarf virus/Lolium enation virus, immunoelectron microscopy 1598.
Obstructive jaundice,
differential diagnosis-hepatitis, enzymes levels, serum, man 6612.
Obstructive lung disease,
aetiology/pathogenesis, infants 6616.
Odocoileus virginianus,
susceptibility, Jamestown Canyon virus/Keystone virus experimental infection 8410.
Odontoglossum ringspot virus,
incidence, Epidendrum, Guatemala/USA, Florida 5384.
Oesophagitis,
herpes simplex virus 1 infection association, case reports 374.
17β-Oestradiol,
effects on rubella virus replication, MCF-7 cells 2195.
Oestrogen,
effects on Rous sarcoma virus replication, chickens/mice/rats cell lines 5504.
Oils,
inhibition-potato virus Y transmission, viscosity effects on, Capsicum anuum 6823.
OK 10 virus complex,
characterization/isolation/comparison-avian acute leukaemia viruses, chickens 2472.
Okra mosaic virus,
transmission, soil, Vigna 8459.
2′,5′-Oligo (A) polymerase,
activity, interferon treated HeLa cells, relationship-encephalomyocarditis virus RNA biosynthesis inhibition 6463.
2′,5′-Oligoadenylate synthetase,
induction, interferon treatment, embryo cells, chickens 5641.
Oligodeoxyribonucleotides,
correction-phage φX174 DNA mutations 811.
synthesis, phage φX174 primers 103.
synthetic, hybridization-phage φX174 complementary base pairs, errors amber mutant 7670.
Oligonucleotides,
assignment-genes, vesicular stomatitis virus 4884.
binding-phage T7 RNA polymerase 2876.
complementary-Escherichia coli rRNA 16S 3′-terminus, inhibition-initiation complex formation, phage Qβ RNA binding-ribosomes 4080.
complex-phage T7 induced RNA polymerase 6311.
inhibition-protein biosynthesis, interferon treated L cells 4973.
interaction-phage M13 gene 5 protein 2133.
pyrimidines rich, fate following infection, reovirus 4802.
Oligosaccharides,
biosynthesis, influenza virus glycoproteins 4832.
biosynthesis, vesicular stomatitis virus, CHO cells 7761.
characterization, influenza A virus haemagglutinin glycoproteins, variation-strains/cells 7100.
characterization, Rous sarcoma virus glycoproteins 2822.
intermediates characterization, vesicular stomatitis virus G protein 668.
intermediates α-D-mannosidase activity, vesicular stomatitis virus G protein 669.
linkage-proteins, characterization, influenza A virus glycoproteins 7623.
precursors, structure, vesicular stomatitis virus G protein 667.
Omsk haemorrhagic fever,
mixed infection-tick-borne encephalitis, conference 4593.
Oncofoetal antigens,
characterization, endogenous murine leukaemia virus positive sarcoma, mice 3688.
Oncolysates,
vaccinia virus, treatment-SV40 induced tumours, mice 305.
Oncolytic virus,
combination-cyclophosphamide, treatment-mammary gland tumours, mice 1797.
Oncornavirus,
activity/multiplicity, ribavirin effects on 6552.
associated RNA 8S, expression, mammalian cells 8072.
association/detection-leukaemia, man, review 2523.
cats, associated cell membranes antigens, enzyme immunoassay 5611.
cats, associated cell membranes antigens, concentration/isolation, tissue culture fluids, methodology 5814.
detection, spleen, cancer patients 8159.
DNA biosynthesis/role-cancer, review 2897.
DNA polymerase (RNA-dependent), associated ribonuclease H activity, o-phenathroline effects on 7744.
DNA polymerase (RNA-dependent), associated ribonuclease H activity, detection 7752.
DNA polymerase (RNA-dependent), detection, leukaemia

IRL©1979

Oncornavirus,(continued)
cells, man 7265.
DNA polymerase (RNA-dependent), expression, normal cells, man, review 2197.
DNA polymerase (RNA-dependent), interaction-protein p30 2896.
DNA polymerase (RNA-dependent), TTP arabinoside/CTP arabinoside effects on 762.
endogenous, activation, pristane induction-plasmacytoma, mice 1028.
endogenous, activation-uracil (bromodeoxy), relationshp-chromatin nucleoproteins organization, embryo cells, rats 3671.
endogenous, expression, enhancement, Marek's disease virus tumours, specific pathogen free chickens 5102.
endogenous, expression/transmission, mice 5816.
endogenous, expression/transmission, review 8073.
endogenous, genetics 4181.
endogenous, Mus cervicolor, RNA nucleotide sequence homology-A-type particles, Mus musculus 6215.
endogenous, Mustela vision, characterization 3119.
endogenous, replication-defective, expression, 7,12-dimethylbenz(a)anthracene induced mammary gland tumours, rats 5154.
genomes structure, review 4680.
high molecular weight RNA, characterization, melanoma B16, mice 1780.
induced tumours, immune response, mice 3083.
induction, uridine (5'-iodo2'-deoxy), cell lines, mammary gland tumours, dogs 5125.
interferon effects on, review 2308.
like particles, detection, Epstein-Barr virus negative Burkitt's lymphoma cell lines 7266.
like RNA, defective, cells, mice/rats, packaging, C-type virus, effects on infectivity 4363.
markers, association-chromosome aberrations, myeloproliferative diseases, man 6601.
N-tropic/xenotropic, genomes sequence, transcription, BALB/c cells 7001.
persistent infection, mechanisms, review 3782.
physicochemical properties, comparison-Mycoplasma hyorhinis 7636.
purification, gradients centrifugation, methodology 3952.
relationship-DNA polymerase (RNA-dependent), characterization, placenta, man 2196.
review 8075.
mRNA, transcription unit production, review 6982.
RNA nucleotide sequence, presence, human leukaemia cells 2521.
RNA polymerase/DNA polymerase (RNA-dependent), review 144.
RNA replication/structure, review 7203.
RNA translation/proteins processing, review 4804.
spongiform polioencephalomyelopathy, pathology, incubation time, correlation-inoculum concentration, mice 4366.
structure/replication/recombination, review 4128.
transformation, effects on platelets growth factors requirement, cells 3661.
transformation, review 310.
tumours, immunology, kinetics models 6587.
virus-like particles, detection, normal prostate, rats 1044.
Oncornavirus (avian),
antigenic relationship-oncornavirus (bovine)/oncornavirus (equine)/Mason-Pfizer monkey virus/squirrel monkey virus/visna virus 2965.
assembly, models 796.
DNA polymerase (RNA-dependent) isolation/characterization, virus-free system 147.
double-stranded DNA, intermediates, analysis 2199.
endogenous, expression, Marek's disease lymphoblastoid cell lines 5799.
env gene characterization 824.
env gene RNA, nucleotide sequence 45.
genomes, gene mapping, review 5575.
host range, Columba livia cells 588.
mutants, RNA, role-mRNA 4805.
oncogenesis, chickens 1013.
persistence, macrophages, chickens 5800.
polyproteins, identification, uninfected embryo fibroblasts, chickens 1763.
recombinants, genetic analysis/peptides sequence 4879.
tRNA, biological properties/nucleotide sequence 2198.
Oncornavirus (bovine),
antigenic relationship-oncornavirus (avian)/oncornavirus (equine)/Mason-Pfizer monkey virus/squirrel monkey virus/visna virus 2965.
Oncornavirus (equine),
antigenic relationship-oncornavirus (avian)/oncornavirus (bovine)/Mason-Pfizer monkey virus/squirrel monkey virus/visna virus 2965.
Oncornavirus (murine),
assembly, models 796.
B-tropic/N-tropic, Fv-1 locus specific resistance, transfer, cytoplasmic RNA, embryo cells, mice 2486.
Oncornavirus (simian),
endogenous strains, relationship-proteins/RNA/genes 6218.
langur monkeys/squirrel monkeys, proteins, comparison-Mason-Pfizer monkey virus 1395.
Saimiri sciureus, antigens, comparison-Mason-Pfizer monkey virus 883.
Ondatra zibethica,
rabies virus passage/adaptation 1261.
Onion yellow dwarf virus,
comparison-leek yellow stripe virus, characterization/classification/isolation/symptoms/transmission 4604.
Operators,
function/organization, phage λ 4162.
O_R operator, regions, characterization, phage 434 4755.
Operons,
galactose operon, escape synthesis, phage 82, Escherichia coli 2178.
leftward, localization-phage λ transcription termination sites 700.
RNA 4S, phage λ DNA containing, isolation/characterization 20.
Operophthera brumata,
Germany, Fed. Rep., nuclear polyhedrosis virus infection incidence 6793.
Ophthalmoplegia,
aetiology, rubella virus, case reports 7311.
Optic nerve,
cytomegalovirus infection, lymphoma patients, case reports 6630.
Optic neuritis,
association-rubella virus infection, man 2584.
complications-influenza virus vaccination, case reports 7139.
man, measles virus/rubella virus antibodies levels, cerebrospinal fluid/serum 8233.
pagtients, multiple sclerosis risks 6726.
Orbital cellulitis,
association-influenza A, case reports 399.
Orbivirus,
antigenic characteristics/genetics/physicochemical properties/

Orbivirus,(continued)
variation, review 7820.
isolation, Ixodes uriae, Faeroe Is. 8418.
Orcein,
staining, detection-hepatitis B surface antigen, liver biopsy, man 1068.
staining, detection-hepatitis B surface antigen, liver 2540.
Orchitis,
coxsackievirus A9 aetiology, children, case reports 5919.
Orf,
clinical manifestations, goats, case reports 2685.
outbreaks, goats/sheep, Nigeria 3294.
outbreaks, Ovibos moschatus 1200.
Orf virus,
antibodies, interaction-complement + infected target cells, assays, chromium release test 5634.
antibodies, transfer, colostrum, sheep 5659.
antigenic relationship-goat pox virus/sheep pox virus 7088.
isolation/epidemiology, sheep, Japan 505.
Organ culture,
central nervous system, mice, Semliki Forest virus growth/temperature sensitivity, relationship-virulence 3969.
central nervous system/peripheral nervous system, mice, myelin degeneration, electron microscopy, herpes simplex virus infection 5445.
chick embryos trachea, avian infectious bronchitis virus assays 14.
intestinal tract, cats, feline infectious peritonitis virus growth 4630.
kidney/oviduct, chickens, susceptibility-avian infectious bronchitis virus 5447.
nasal turbinates, ferrets, virulent/attenuated influenza A virus yield 15.
respiratory tract, ferrets, influenza A virus clones persistence, pyrexia effects on 1350.
trachea, cattle, adenovirus (bovine) 3 replication 1348.
trachea, chick embryos, avian infectious bronchitis virus assays 1328.
trachea, derived from avian infectious bronchitis virus infected chickens, resistance-avian infectious bronchitis virus infected 5446.
trachea, ducks, influenza A virus infection cytopathogenesis/ultrastructure 1349.
trachea, ferrets, influenza A virus infection, antiviral activity, amantadine/cyclooctylamine/ribavirin/spiroamantadine 989.
trachea, ferrets, screening-influenza A virus attenuated vaccines 6494.
trachea, hamsters, attenuated influenza virus growth 4631.
trachea, man/ferrets, respiratory syncytial virus infection pathogenesis 16.
trachea, pigs, juveniles, respiratory syncytial virus infection/pathology 3387.
trachea, rats, parainfluenza virus 1 replication 6185.
trachea, sheep, adenovirus (ovine) 2 infection 4629.
use-avian viruses studies, review 13.
Orgyia leucostigma,
virus-like particles replication 5353.
Orgyia pseudotsugata,
nuclear polyhedrosis bundle virus/nuclear polyhedrosis single-rod virus, DNA, molecular weight determination 6221.
nuclear polyhedrosis virus activity standardization, biological control 548.
nuclear polyhedrosis virus ecology 8424.
Oriboca virus,
complement fixation antigens, physicochemical properties 6451.
Ornithine decarboxylase,
activity, embryo cells, man, stimulation-cytomegalovirus 3442.
activity, SV40 transformed 3T3 cells, propane-1,3-diamine/putrescine/spermidine effects on 5782.
regulation, putrescine/serum/spermidine, cytomegalovirus transformed cells, man 8062.
Ornithodoros capensis,
Sula bassana servator, New Zealand, Johnston Atoll virus isolation 3299.
Ornithodoros maritimus,
France, Soldado virus isolation 6068.
Oropouche virus,
experimental infection, pathology, liver, hamsters 4557.
Orungo virus,
experimental infection, pathogenesis/distribution-organs, mice 1251.
Oryctolagus cuniculus,
Australia, myxoma virus seroepidemiology, role-fleas 1220.
Australia, myxomatosis epizootiology 504.
Oryza,
rice waika virus transmission, Nephotettix 6138.
Oryza latifolia,
rice ragged stunt virus epidemiology/symptoms/transmission 3933.
Oryza nivara,
rice ragged stunt virus epidemiology/symptoms/transmission 3933.
Oryza sativa,
growth stage, effects on rice yellow dwarf virus disease resistance 3338.
infection, barley yellow dwarf virus, role-disease reservoirs, Echinochloa crusgalli/Holcus lanatus/Lolium perenne/Panicum dichotomiflorum 5383.
Japan, rice waika virus characterization/incidence/transmission-Nephotettix 5385.
rice ragged stunt virus epidemiology/symptoms/transmission 3933.
rice tungro, virus-like particles association/characterization, symptomatology/transmission-Nephotettix virescens 5378.
rice tungro virus infection, detection-abscisic acid/physiology 5361.
rice tungro virus infection, effects on chlorophyll levels/cytokinin activity 1294.
rice tungro virus infection, incidence/symptoms, nitrogen fertilizers fertilizers effects on 8445.
rice tungro virus transmission, Nephotettix virescens, prophylaxis, insecticides 8464.
Osteomyelitis,
complications-varicella, case reports 383.
Otitis media,
idopathic, role-viruses, man 8183.
Ouabain,
effects on potassium transport, polyoma virus/SV40 transformed 3T3 cells 6558.
Ovibos moschatus,
orf outbreaks 1200.
Ovioos moschatus,
ecthyma contagiosum, transmission-man, case reports 4467.
Oxolin,
antiviral activity, influenza A virus 5066.
Oxygen,
consumption, Autographa californica nuclear polyhedrosis virus infected TN-368 cells 1448.
uptake, Heliothis virescens, cytoplasmic polyhedrosis virus infection effects on 2739.

IRL©1979

Ozone,
virucidal activity 5072.

Pacheco's disease,
parrots, herpesvirus (avian) characterization/isolation 3283.
Packaging,
F factors DNA, phage λ 4845.
Paeonia,
New Zealand, tobacco rattle virus isolated, physicochemical properties 5492.
Paeonia foemina,
tobacco rattle virus infection 8440.
Palsy,
face, associated-herpes zoster, treatment, man 1098.
trochlear nerve, association-herpes zoster ophthalmicus, man, case reports 1094.
Pan troglodytes,
adenovirus (simian) urinary tract infection, antibody response 257.
blood infectivity, kinetics, hepatitis (non-A, non-B) 6789.
hepatitis (non-A, non-B) transmission 2020.
hepatitis A virus + hepatitis B virus mixed infection, clinical manifestations 6790.
hepatitis B virus infection, antibody response 8017.
respiratory syncytial virus infection, temperature sensitive mutant isolates, stability 7037.
respiratory syncytial virus temperature-sensitive mutant infection, clinical manifestations/immune response 7455.
Pancreas,
β cells, encephalomyocarditis virus attachment/permissiveness, induced diabetes mellitus susceptible/resistant mice 2091.
associated-A-type virus/C-type virus induction, streptozotocin, mice 2729.
cell culture, man, coxsackievirus B3 replication 585.
cell lines, rats, establishment, SV40 infection/transformation 5088.
cells, destruction, associated-coxsackievirus B4 infection, mice 3890.
diabetes patients, coxsackievirus B4 strains isolation 7305.
Pancreatitis,
man, association-coxsackievirus B infection 1073, 1074.
pathogenesis, coxsackievirus B3 experimental infection, mice 1250.
Panencephalitis,
role-viruses infection, association-hypogammaglobulinaemia, man, case reports 1838.
rubella virus, immunological aspects/treatment, man 7176.
Panicum crusgalli,
sugarcane mosaic virus isolation 5386.
Panicum dichotomiflorum,
disease reservoirs, barley yellow dwarf virus infection, Oryza sativa 5383.
Panstrongylus megistus,
virus-like particles characterization/detection, Malpighian tubule 5351.
Panthera pardus pardus,
hepatitis (inclusion body), case reports 6058.
Pantomycin,
antiviral activity 7201.
Papain,
solubilization-Epstein-Barr virus induced antigens, membranes, Raji cells 881.
Papaya mosaic virus,
assembly, in vitro 802.
assembly, initiation 800.
assembly, kinetics 1523.
assembly, RNA specificity 801.
proteins, encapsidation-heterologous RNA 4854.
proteins, interaction-cations 4027.
Papaya ringspot virus,
antigenic relationship-watermelon mosaic virus strains 5633.
Papilio polyxenes,
gynandromorphs, relationship-viruses 2737.
Papilionaceae,
susceptibility, tobacco mosaic virus/tomato mosaic virus infection 5365.
Papilloma,
larynx, man, papilloma virus (human) derived from, physical properties 1417.
Papilloma virus,
isolates, antigenic relationship 7087.
Mastomys natalensis, characterization 1418.
role-aetiology-stomach tumours, cattle, British Isles, review 1747.
virions, capsomeres ultrastructure, electron microscopy 7631.
Papilloma virus (bovine),
aetiology, gastrointestinal tract papilloma, cattle 1748.
characterization, comparison-strains 1416.
DNA, characterization 7582.
DNA sequence, detection, tumour cells, hamsters/horses 7206.
induced fibroma cells, membranes antigens 5085.
infection, teats, incidence/pathology, cattle 5778.
strains, pathogenicity/tumorigenicity, cattle, juveniles 7207.
transformation assays, in vitro 7519.
Papilloma virus (human),
antibodies, incidence, condyloma acuminatum/warts, man 5026.
antibody response/proteins characterization, warts, man 6507.
antigenic relationship-Shope papilloma virus 2956.
classification/immune response, man, review 8146.
derived from larynx papilloma, man, physical properties 1417.
DNA characterization 4657.
hypersensitivity, antigenic relationship, comparison-immune resonse (humoral), guinea-pigs 3063.
infection, skin, treatment, man 6716.
role-multicentric pigmented Bowen's disease, man, case reports 1805.
strains, correlation-lesions/prognosis, epidermodysplasia verruciformis, man 8144.
Papilloma virus (human) 1,
DNA replication localization, warts, man 6977.
Papilloma virus (rabbit),
infected skin, rabbits, transformation, xenografts-athymic nude mouse 5086.
Papio,
tissues, detection-baboon endogenous virus DNA sequences 6600.
Papio cynocephalus,
cells, baboon endogenous virus replication 5430.
Papio hamadryas,
lymphoma, Herpesvirus papio antibody response 5048.
Papovavirus,
antigens, larynx tumours, comparison-condyloma acuminatum/warts, man 2283.
DNA, mapping, review 4663.
persistent infection, mechanisms, review 3782.
presence, cervix condylomatosis, man 1804.
virus-like particles, detection, central nervous system,

Papovavirus,(continued)
multiple sclerosis, man 3273.
Papovavirus (hamster),
DNA characterization 7583.
Papovavirus (primate),
identification-stump-tailed macaque virus 4600.
Papovaviruses,
antigenic relationship 873.
Papua New Guinea,
Burkitt's lymphoma, epidemiology/role-Epstein-Barr virus, man 5851.
coxsackievirus/ECHOvirus/poliovirus seroepidemiology, man 5252.
hepatitis B surface antigen incidence, Europeans/Papua New Guineans 1914.
rotavirus seroepidemiology, cattle 8378.
Paracrystals,
formation, genes controlling, mapping, adenovirus 1535.
Paraguay,
equine infectious anaemia disease spread/incidence, horses 2709.
Parainfluenza virus,
aetiology, sinusitis, man 6643.
aetiology, vulvovaginitis, children 6623.
aetiology/prophylaxis/treatment, kennel cough, dogs 480.
antibodies levels, glomerulonephritis/systemic lupus erythematosus patients 403.
antiviral activity, isoquinoline 7197.
association-pneumonia, sheep 1207.
bronchiolitis, aetiology/symptoms/treatment, man, review 3733.
infection, association-lymphoma, kidney transplantation, man, case reports 381.
infection, association-wheezing, children 2594.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4495.
infection, immunity, cross-reactivity-mumps virus, children 3094.
infection, interferon response, children 901.
respiratory tract infection, epidemiology, children, British Isles 1133.
vaccination, efficacy, dogs 7965.
vaccines, efficacy evaluation, dogs, methodology 5023.
Parainfluenza virus SV5,
respiratory tract infection, dogs 6041.
Parainfluenza virus 1,
antibodies, enzyme-linked immunosorbent assay, comparison-haemagglutination inhibition 4225.
associated croup, clinical manifestations, man 8244.
induced cytotoxic lymphocytes T, viruses antigens recognition, mechanisms, mice 4326.
induction-brain degeneration, rats 3638.
infection, central nervous system pathogenesis, mice 2019.
infection, effects on interferon susceptibility, cell lines 6460.
infection, immunoglobulin E levels, immunosuppression, man 3619.
infection, lymphocytes, mice 7553.
infection, lymphocytes/macrophages, mice 7554.
infection, macrophages, mice 7552.
pneumonia, lung macrophages lysosomal enzymes, mice 6538.
replication, trachea organ culture, rats 6185.
respiratory tract infection, epidemiology/clinical manifestations, man, British Isles 440.
role-respiratory tract infection, man 5175.
transmission, air, reduction, aerosols 438.
Parainfluenza virus 2,
infection, brain, antibody response/clinical manifestations/histopathology, mice 6111.
respiratory tract infection, epidemiology/clinical manifestations, man, British Isles 440.
Parainfluenza virus 3,
antigenic characteristics 6453.
antiviral activity, 1-acyl-2-chloro-3-formylindoles-thiosemicarbazone derivatives 3104.
antiviral activity, C-nucleosides thiazole derivatives 994.
association-Guillian-Barre syndrome, man, case reports 1874.
association/prophylaxis, respiratory tract diseases, cattle, German Dem. Rep. 2680.
immunoglobulins levels, colostrum, cattle 5658.
incidence, respiratory tract diseases, cattle 1198.
infection, cattle, antibodies detection, haemagglutination inhibition, methodology 4210.
infection, central nervous system pathogenesis, mice 2019.
infection, effects on grafts/patients survival, kidney transplantation, man 7366.
infection, pathogenesis/immune response, neonates, cattle 1209.
infection/induction-immune response, correlation-neuraminidase, cattle juveniles 3322.
isolation, cattle, Israel 1235.
isolation, cattle, Turkey 7416.
isolation, prepuce washings/semen, cattle 2699.
mixed infection-bacteria, role-pharyngolaryngitis, cattle 8363.
mixed infection-Pasteurella haemolytica, aetiology, pneumonia, sheep 494.
mixed infection-respiratory syncytial virus, pneumonia, histopathology/symptoms, cattle, juveniles 4533.
physicochemical properties/role-respiratory tract-infection, cattle, review 8347.
respiratory tract infection, epidemiology/clinical manifestations, man, British Isles 440.
respiratory tract infection, outbreaks, cattle, British Isles, Northern Ireland 5325.
role-respiratory tract infection, cattle, juveniles 4534.
role-respiratory tract infection, man 5175.
seroepidemiology, cattle, juveniles 7421.
seroepidemiology, domestic animals, Sudan 7437.
vaccination, antibody response/efficacy, cattle 4299.
vaccines, efficacy, cattle 933, 946.
Parakeets,
paramyxovirus 449, physicochemical properties/relationship-turkeys paramyxovirus 4723.
Paralysis,
eye, associated-herpes zoster ophthalmicus, man, case reports 7303.
Paralytic syndrome virus,
detection, immunofluorescence, experimental infection, chickens 5622.
immunodiffusion 5621.
Paramyxovirus,
characterization/classification/isolation, Rattus fuscipes/Rattus leucopus, Australia 2070.
infection, central nervous system, immune response, hamsters 7188.
isolated-Accipiter virgatus gularis, antigenic characteristics/pathology-chickens 4245.
isolation/characterization, Accipiter virgatus gularis 3.
Newcastle disease like, characterization/isolation, Aix sponsal/Anas platyrhynchos/Anas streperal 6145.
nucleocapsids, comparison-coronavirus (human) 229E 4038.
proteins, characterization/isolation 6944.
strains, isolation, poultry, Hong Kong 5309.

IRL©1979

Paramyxovirus,(continued)
taxonomy 1320.
turkeys, relationship-parakeets paramyxovirus 449 4723.
virus-like particles, detection, central nervous system, multiple sclerosis, man 3273.
Paramyxovirus (avian),
induction-immunity-Newcastle disease virus, chickens 8010.
Paramyxovirus 107,
morphology/replication/taxonomy 7496.
Paramyxovirus 449,
parakeets, physicochemical properties/relationship-turkeys paramyxovirus 4723.
Parkinson's disease,
association-poliomyelitis, man, absence 2571.
Parotitis,
mumps virus, recurrence after infection/vaccination, case reports 405.
Parrots,
herpesvirus (avian) characterization/isolation-Pacheco's disease 3283.
Parvovirus,
aetiology, enteritis, dogs 7401.
aetiology, enteritis, dogs, review 8366.
aetiology, enteritis/myocarditis, dogs, juveniles 7402.
aetiology, gastroenteritis epidemics, dogs 6739.
aetiology, reproductive tract diseases, diagnosis, serological tests, pigs 7399.
association/diagnosis, diarrhoea, cattle 3281.
association-gastroenteritis, dogs 3858, 5304.
diarrhoea, prophylaxis/treatment/vaccination, livestock 3878.
DNA, integration-hosts genomes 4772.
endometritis, treatment, pigs 8391.
enteritis, histopathology, dogs 8350.
fractionation 7518.
gastroenteritis, clinial manifestations/differential diagnosis-coronavirus gastroenteritis/pathology, dogs, USA 4522.
gastroenteritis, clinical manifestations/differential diagnosis-coronavirus gastroenteritis, dogs, Canada 4521.
gastroenteritis, histopathology/symptoms/comparison-feline panleucopenia, dogs 6045.
isolation attempts, hepatitis A, man 410.
mixed infection-Mycoplasma gallinarum/Acholeplasma, pathogenicity, geese 1993.
properties/taxonomy, review 6848.
replication, virions associated DNA polymerase, absence, in vitro 1470.
role-hepatitis (inclusion body), chickens 6044.
Parvovirus (bovine),
transcription, foetal spleen cells nuclei, cattle 6313.
Parvovirus (canine),
respiratory tract infection, dogs 6041.
Parvovirus (goose),
attenuation, use-vaccination, Derzsy's disease, geese 240.
vaccines, efficacy, geese 930.
Parvovirus (porcine),
antigenic relationship, strains 1214.
experimental infection, pathology, pigs, foetuses 2718.
seroepidemiology, pigs, Canada 1214.
transmission (transplacental), pigs 6081.
vaccination, efficacy-reproductive disorders prophylaxis, pigs 5692.
Parvovirus (rat),
infection, immune response, mammary gland, pregnancy, rats 5710.
Passer domesticus,
role-Rocio virus encephalitis transmission, man 4556.
Pasteurella haemolytica,
mixed infection-bovine rhinotracheitis virus, respiratory tract, cattle juveniles, environmental effects 1247.
mixed infection-parainfluenza virus 3, aetiology, pneumonia, sheep 494.
Pasteurella multicida,
phage B932a, characterization 2815.
Pasteurization,
inactivation-foot-and-mouth disease virus, milk 8389.
Pea enation mosaic virus,
latent period measurement, Acyrthosiphon pisum vectors 2056.
strains, comparison-transmission, Acyrthosiphon pisum, Pisum sativum 3360.
strains, structure, effects on transmission, Acyrthosiphon pisum 4047.
Pea seed-borne mosaic virus,
detection, Pisum sativum seeds, methodology 1278.
infection, incidence, Pisum sativum, Canada 6819.
infection, symptoms/transmission, Pisum sativum 3920.
infection/resistance, Pisum sativum strains 7470.
resistance inheritance, genetic analysis, Lens culinaris 4585.
Peach rosette mosaic virus,
detection, Vitis, comparison-Chenopodium quinoa/enzme-linked immunosorbent assay 6798.
Peanut clump virus,
purification 2155.
stability, pH effects on 2155.
Peanut mottle virus,
detection/incidence/transmission, Arachis hypogaea, India 4582.
Peanut stunt virus,
characterization/isolation, Medicago sativa, Spain 7503.
morphogenesis/structure, review 2835.
strains, characterization/isolation, Phaseolus vulgaris/Setaria viridis, France 2759.
Penetration,
hosts cells, mechanisms, Sendai virus/Sindbis virus/vesicular stomatitis virus 2859.
hosts cells, mechanisms, viruses 5509.
Newcastle disease virus/Rous sarcoma virus, membranes, embryo cells, chickens 2857.
phage ε15, Salmonella anatum, mechanisms 5510.
Penicillamine,
treatment-hepatitis (chronic active)/hepatitis (chronic persistent) 6029.
Penicillinase,
Bacillus licheniformis, aggregation-Semiliki Forest virus/Sendai virus proteins, protein micelles 2796.
Penicillium chrysogenum virus,
double-stranded RNA, degradation, serum enzymes 637.
Penicillium stoloniferum virus S,
RNA polymerase (RNA-dependent), double-stranded RNA biosynthesis, mechanisms 2214.
Penis,
herpes zoster, case reports 4420.
ulcers, man, herpes simplex virus isolation 2553.
Pennisetum typhoides,
yield, streak virus infection effects on 5375.
Pentalonia nigronervosa,
transmission-bunchy top disease, Musa sapientum, mathematical models 7483.
Pentons,
bases, characterization/isolation, adenovirus (human) 2 3418.
Pepper veinal mottle virus,
identification/isolation, Nicotiana tabacum, Nigeria 6854.
resistance, Capsicum annuum 552.

Peptides,
antigenic determinants, haemagglutinins influenza virus 4955.
C peptide, levels, serum, hepatitis (acute), man 4448.
Peptidoglycan,
adjuvanticity, phage MS2 vaccination, guinea pigs 3051.
Periarteritis nodosa,
associated-hepatitis B surface antigen positive hepatitis/orchitis, man, case reports 1884.
association-hepatitis B virus infection, man, review 5222.
Pericarditis,
association-influenza, man, case reports 5206.
coxsackievirus, man, case reports 8222.
coxsackievirus B/influenza A virus aetiology, haemodialysis patients 6650.
mumps virus, case reports 5207.
viruses aetiology, clinical manifestations/treatment, man 4403.
Peripheral nervous system,
mice, organ culture, myelin degeneration, electron microscopy, herpes simplex virus infection 5445.
Periplaneta fuliginosa,
viruses characterization/isolation 7497.
Peritoneal exudate cells,
cytostasis, viruses infected fibroblasts, mice 4301.
Periwinkle chlorotic stunt virus,
characterization/identification, Catharanthus roseus 6855.
Peromyscus leucopus,
Lymantria dispar nuclear polyhedrosis virus aerial applications effects on 3329.
Peronospora parasitica,
susceptibility, Brassica juncea, mustard mosaic virus infected effects on 6813.
Peroxidase,
activity, Trifolium pratense, relationship-bean yellow mosaic virus infection susceptibility/symptoms 8441.
activity/isoenzymes, Persea americana, sunblotch disease 2034.
activity/isoenzymes, Trifolium pratense strains, bean yellow mosaic virus infection effects on 4579.
isoenzymes/physicochemical properties, Nicotiana, potato virus X infection effects on 5376.
isolation/purification, potato virus X infected Datura stramonium 3922.
Persea americana,
avocado sunblotch, viroids like RNA isolation 6223.
low molecular weight RNA viroids like occurrence, avocado sunblotch 6198.
polyphenoloxidase activity, sunblotch disease 2035.
sunblotch disease, indole-3-acetic acid oxidase/peroxidase activity/isoenzymes 2034.
tobacco mosaic virus characterization/isolation 1409.
Persistence,
mechanisms, viruses, symposium 6828.
Persistent infection,
brain cells, mice, Sendai virus 3966.
Heliothis zea cell lines, baculovirus virus-like particles 12.
L cells, vesicular stomatitis virus, mutants selection 10.
subacute sclerosing panencephalitis virus, BHK cells, antigens expression 3967.
vesicular stomatitis virus, effects on tumourigenicity, tumour cell lines, athymic nude mice 5432.
viruses, mechanisms, review 3782.
viruses, pathology, man/animals 5875.
Peru,
Arracacha virus A characterization/classification/isolation, Arracacia xanthorrhiza 2071.
arracacha virus A isolation/classification/characterization/transmission, Arracacia xanthorrhiza 1321.
Peru tomato virus characterization, Lycopersicon esculentum 7507.
wild potato mosaic virus characterization/isolation, Solanum chancavense 7504.
Peru tomato virus,
characterization, Lycopersicon esculentum, Peru 7507.
Pest control,
use-Baculovirus 3904.
Peste de petits ruminants virus,
antigenic relationship-rinderpest virus 7888.
classificaton-paramyxovirus 6851.
Petroselinum crispum,
USA, strawberry latent ringspot virus identification/isolation 6799.
pH,
dependent biological properties, urea effects on, southern bean mosaic virus 5491.
effects on cauliflower mosaic virus structure 4044.
effects on chlorine incorporation-phage f2 RNA 6714.
effects on haemagglutination inhibition, rubella virus antibodies quantitation, man 4915.
effects on morphology, Dane particles 8024.
effects on murine leukaemia virus/murine sarcoma virus infectivity/replication/cell lines growth 3965.
effects on N-1 virus replication, Nostoc muscorum 1430.
effects on peanut clump virus stability 2155.
effects on phage T1/poliovirus recovery, water supplies/sewage, adsorption-filters 3260.
effects on rats tumour cells, in vitro/in vivo 1043.
effects on Spodoptera littoralis nuclear polyhedrosis virus infectivity 4042.
effects on tobacco mosaic virus degradation 3426.
inactivation-Spodoptera litura nuclear polyhedrosis virus 6258.
orbivirus resistance 43.
sensitivity, plaques formation, relationship-pathogenicity, rabbits, myxoma virus strains 6162.
pH effects,
herpes simplex virus strains storage 5480.
Phage *α*3,
replication, Escherichia coli mutants 2931.
Phage *α*3a,
replication, Achromobacter, stationary phase 6264.
Phage *β*,
DNA, hybridization-Corynebacterium diphtheriae RNA 186.
lysogeny, Corynebacterium diphtheriae suppressors strains 6396.
replication, control, heteroimmunity, Corynebacterium diphtheriae 2242.
Phage *γ*,
recombination/replication, lysergic acid diethylamide effects on 164.
replication, control, heteroimmunity, Corynebacterium diphtheriae 2242.
Phage *ε*15,
adsorption, Salmonella anatum, kinetics 2162.
adsorption/penetration, Salmonella anatum, mechanisms 5510.
Phage *λ*,
adsorption, Escherichia coli dnaJ gene/malA gene mutation effects on 3433.
assembly, Escherichia coli groE gene products requirements 7017, 7018.
assembly, role-FI gene products 3483.
attachment sites, Escherichia coli trpC gene, nucleotide sequence 4075.

IRL©1979

Phage λ,(continued)
base pairs changes, production-recombination hotspots 2916.
carrying Escherichia coli oxidative phosphorylation coupling factors genes, induction, effects on coupling factors biosynthesis 6400.
carrying Escherichia coli receptors genes, construction 5554.
carrying plasmids, cloning vectors 5549.
carrying tra gene, DNA, characterization 4164.
chromosomes, packaging 3484.
cI gene, DNA, nucleotide sequence 2105.
cIII gene mutants, characterization/effects on Escherichia coli lysogeny 4897.
cloning-Escherichia coli rRNA genes 3490.
cloning vectors construction 2914.
cloning yeasts tRNA genes 4166.
cohesive-end site, plasmids containing, cloning vectors 163.
combination-F factors, chimaeras 5558.
cro gene, cloning, Escherichia coli 4165.
cro gene mutants, characterization 5552.
cro repressor, effects on transcription in vitro 4073.
deletion mutant, attachment sites, DNA nucleotide sequence 23.
DNA, alkylation, specific fragmentation, oligo (T) 5′-terminus regions 6188.
DNA, base composition, analysis, mass spectroscopy 2106.
DNA, binding-dichlorodiammine platinum II, thiourea effects on 7562.
DNA, cleavage, Streptomyces stanford restriction endonuclease 1356.
DNA, complex-membranes, isolation-Escherichia coli 2869.
DNA, containing globin genes sequence, goats, characterization/isolation 7560.
DNA, containing RNA 4S operons, isolation/characterization 20.
DNA, differential methylation, Escherichia coli mutants 7828.
DNA, double-stranded breakage, adrenalone aromatic reductones 21.
DNA, electron microscopy, use-phosphotungstic acid 1355.
DNA, enzymatic breakage, ter reaction 96.
DNA, initiation sites/transcription mapping 7659.
DNA, interaction-Escherichia coli RNA polymerase 3453.
DNA, interaction-platinum complex 7561.
DNA, melting profiles, sodium chloride concentration dependence 6892.
DNA, methylation, phage T2 dam mutant DNA methyltransferase, in vitro 4084.
DNA, nucleotide sequence, comparison-phage φ21/phage φ80/phage 434 4640.
DNA, packaging, chromosomes specificity 4151.
DNA, regulation-Escherichia coli ribosomal protein L12 biosynthesis in vitro 5518.
DNA, restriction endonuclease cleavage, following Escherichia coli infection 2868.
DNA, restriction endonuclease fragmentation/mapping 1358.
DNA, restriction endonuclease fragments, separation, identification-Escherichia coli RNA polymerase promoters 701.
DNA, restriction endonucleases mapping 1359.
DNA, RNA polymerase binding sites, mapping, electron microscopy 97.
DNA, separation, use-poly (U,G) agarose gels 568.
DNA, Streptomyces aureofaciens restriction endonuclease cleavage 599.
DNA, transfection, Escherichia coli, polyethylene glycol effects on 7047.
DNA, transfection, β-galactosidase genes, transfer-phage λ resistant Escherichia coli 3506.
DNA, transfection/transformation, bacteria, freeze-thawing effects on 4898.
DNA biosynthesis, Escherichia coli, interference, phage P2, role-old gene 95.
DNA repair, radiation (γ)/radiation (u.v.) induced damage, comparison-Escherichia coli 7661.
DNA repair, radiation (u.v.) induced damage 7798.
DNA replication, proteins requirements/specificity 4071.
DNA transcription termination mutants, characterization 4862.
DNA uptake, Nicotiana tabacum protoplasts 4733.
F factors DNA, packaging 4845.
gene mapping 1528.
gene P mutants, effects on DNA replication 4863.
gene Q activity mutants, characterization/isolation 5556.
gene Q constitutive mutants, characterization/isolation 5555.
genes, regulation, repressors, review 166.
genetic engineering, review 7048.
genomes, regulators regions, plasmids construction/isolation 6380.
ghosts, H gene/J gene coded proteins, absence 7793.
heads, DNA packaging 3481.
heads assembly, role-groE gene 3482.
heads assembly mutants, genetic analysis 3488.
hybrids-R factor RSF2124, integration, Escherichia coli 6379.
inactivation, bisulphite oxidation, mechanisms 2792.
induction, radiation (u.v.), dam mutant effects on, Escherichia coli 2244.
infection, Escherichia coli, tryptophan operon mRNA degradation 1552.
injection defective, DNA arrangement 600.
insertion-Escherichia coli deoxyribose operon, transducing phages isolation 3508.
int gene, regulation, activation-cII gene/cIII gene products, role-promoters 808.
int gene, transcription 7660.
int gene product, DNA binding/purification/role-recombination 5459.
int gene/xis gene, gene expression, ColE1 hybrids plasmids 4857.
integration, att sites, nucleotide sequence, Escherichia coli 601.
integration, regulation, int gene transcription 4072.
integration-Escherichia coli DNA, regulation, genetic analysis 5559.
integration studies-potassium transport, kdp gene regulation/organization, Escherichia coli 187.
lysis, Escherichia coli operators mutants effects on, genetic analysis 7841.
lysogenic Escherichia coli, induction/transduction, phage T1 6399.
lysogeny, Escherichia coli, induction, radiation (u.v.), diaminopimelic acid requirements 1554.
morphogenesis, role-Escherichia coli K12 mop gene, gene mapping 4209.
mutants, repressors production 1529.
mutation, radiation (γ), cysteamine/DNA repair defects effects on, Escherichia coli 4861.
nu1 gene, gene mapping 5560.
O gene, nucleotide sequence 22.
operators, function/organization 4162.
outer membranes proteins, gene mapping 7797.
plaques formation, triazines effects on 4194.
plaques formation mutants, characterization 3489.
plasmids R factor R100, mercury resistance gene mapping

Phage λ,(continued)
3446.
polyoma virus DNA containing, construction/infectivity, fibroblasts, mice 7810.
proheads, assembly mechanisms 7782.
promoters, Escherichia coli RNA polymerase binding 2867.
promoters, mutants, characterization 5553.
promoters, plasmids containing, cloning/gene expression 7796.
promotion-phage φX174 recombination, genetic analysis 3491.
prophages, DNA replication termini, mapping, Escherichia coli 6297.
prophages, induction, Escherichia coli, furocoumarin photosensitization 5586.
prophages, recombinants characterization 5584.
prophages, replication, Escherichia coli DNA biosynthesis temperature-sensitive mutant 702.
prophages induction, Escherichia coli rec gene mutants effects on 2932.
prophages induction, radiation (u.v.) + 8-methoxypsoralen, Escherichia coli 1555.
prophages integration DNA fragments, plasmids containing, construction 830.
protein biosynthesis, Escherichia coli minicells, use-early proteins identification 1453.
proteins, antigenic characteristics/electrophoresis/isoelectric focusing 6927.
proteins, electrophoresis patterns, proteolysis effects on 5458.
proteins, rex gene products, control/identification-electrophoresis 51.
radiation (u.v.), DNA repair/recombination, inhibition, DNA gyrase inhibitors 806.
reactivation, Escherichia coli rec gene/uvr gene mutants 5557.
receptors, characterization, Escherichia coli/Klebsiella pneumoniae 5512.
receptors, characterization/purification, Escherichia coli 2853, 7650.
receptors, Escherichia coli, cell envelopes, characterization/localizaton 7649.
receptors, Escherichia coli, characterization, comparison-porins 6277.
receptors, Escherichia coli, role-protein Ia/protein lamB 3434.
receptors, Escherichia coli, structure 6959.
receptors, Escherichia coli mutants, genetic analysis 4055.
recombinants-phage T4, protein biosynthesis 4163.
recombinants-plasmid PBR322/plasmid pKC, DNA cloning 165.
recombination, review 167.
recombination-phage P22, immunity 2917.
red gene, induction-recA gene products, Escherichia coli recB mutant 2915.
replication, Escherichia coli, 2,4-dichlorophenoxyacetic acid/gibberellic acid/β-indolylacetic acid effects on 4056.
replication, Escherichia coli rho gene mutants 5587.
replication, Escherichia coli temperature-sensitive mutant 6401.
repression regulation sites, location, infection 3447.
repressors, inactivation, Escherichia coli recA gene products 2220.
repressors, papain fragments, characterization 4694.
repressors, N-terminus, binding-operators DNA, transcription control 6296.
repressors inactivation, RNA biosynthesis/protein biosynthesis induction requirements, Escherichia coli 842.
rex gene, effects on lysogeny, Escherichia coli 5585.
role-Escherichia coli RNA polymerase β-subunit biosynthesis, regulation 841.
sites specific recombination, DNA strands exchange 4860.
sites specific recombination, Escherichia coli galT gene 4074.
superhelical DNA, role-integration/recombination 162.
transcription termination sites, localization-leftward operons 700.
transducing, Escherichia coli rRNA/tRNA gene mapping 3507.
transducing, hybrids-plasmids, use-Salmonella rh-1 gene characterization/isolation 4206.
transduction, Escherichia coli chromosomes replication origin 2933.
transduction, Escherichia coli DNA polymerase I 7840.
transduction, Escherichia coli grpE gene, grpE mutant characterization 4205.
transduction, nalA gene, Escherichia coli 4204.
transduction, studies-Escherichia coli ribosomal proteins, streptomycin operon, promoters mutants, regulation 1553.
transduction-Escherichia coli transcription/translation genes 5582.
transduction-Escherichia coli uvr gene 5583.
transposon Tn10, antibiotic resistance, properties 4203.
transposon Tn10 induced deletion/inversions, structure 5550.
transposon Tn10 insertion, sequence analysis 5551.
uridine (5-bromodeoxy) containing DNA, restriction endonuclease digestion 2777.
use, gene mapping, Escherichia coli 6398.
use-cloning, Drosophila melanogaster genes 6381.
use-DNA recombination, review 168.
use-Escherichia coli spoT gene cloning 7046.
vectors, biological control/construction 7795.
vectors, characterization/construction 4167.
vectors, cloning-herpes simplex virus 1 DNA 4878.
vectors, cloning-Saccharomyces cerevisiae rRNA genes 807.
vectors, phage P1 DNA fragments cloning 7794.
vectors, use-cloning, gene expression 4858, 4859.
vectors, use-cloning-polyoma virus DNA, Escherichia coli 4874.
vectors, use-DNA cloning 7799.
Phage λimm21,
hybrids, ColE1 DNA containing, immunity/replication 7662.
Phage ρ11,
DNA, integration-Bacillus subtilis chromosomes/transduction 7674.
Phage ρ14,
cloning-Bacillus subtilis sporulation genes 1560.
Phage φAcM$_2$,
characterization/adsorption-pili, Asticcacaulis biprosthecum 4734.
Phage φAcM$_4$,
characterization/adsorption-flagella, Asticcacaulis biprosthecum 4734.
Phage φAcS$_2$,
characterization/adsorption-flagella, Asticcacaulis biprosthecum 4734.
Phage φC,
DNA biosynthesis, Escherichia coli dna mutant 1457.
Phage φCbK,
phage resistance mutants, induction/characterization, Caulobacter crescentus 845.
resistance mutants, Caulobacter crescentus, isolation/characterization 1558.
Phage φCd-1,
DNA, structure, models 4642.
Phage φCp2,
translation, Escherichia coli cell-free system 1458.

IRL©1979

Phage φC31,
prophages, mutants, induction, nitrosoguanidine 5562.
Phage φe,
DNA, thymine incorporation during transfection, Bacillus subtilis 7668.
transfection, Bacillus subtilis, phosphorus-32 decay effects on 7845.
transfection, DNA fate, Bacillus subtilis 2246.
trapping, spores, Bacillus subtilis 4901.
Phage φI,
DNA, comparison-phage T7 5450.
Phage φII,
DNA, comparison-phage T7 5450.
Phage φK,
replicative form DNA, replication, Escherichia coli mutants 4077.
Phage φKZ,
structure 1414.
Phage φNR2,
restriction, Bacillus subtilis, genes mapping 4902.
Phage φSV1,
transducing, isolation, Streptomyces 4207.
Phage φUW21,
characterization/infection, Micromonospora purpurea 661.
Phage φUW51,
characterization/infection, Micromonospora purpurea 661.
Phage φV-1,
isolation/significance, viruses live vaccines 4980.
Phage φX174,
adsorption, soil 2654.
adsorption-soil, kinetics 4712.
carcinogens/radiation (u.v.) treated, DNA biosynthesis inhibition sites 6306.
complementary base pairs, hybridization-synthetic oligodeoxyribonucleotides, errors amber mutant 7670.
denaturation mapping/genes mapping, comparison-SV40 3973.
DNA, Escherichia coli RNA polymerase binding sites, localization 105.
DNA, inactivation, spermine, mechanisms 3391.
DNA, inactivation-benzo(a)pyrene diol epoxide binding 6548.
DNA, interaction-benzo(a)pyrene/chrysene/dibenz(a,h)anthracene diol epoxide 6896.
DNA, interaction-Escherichia coli recA gene proteins 5448.
DNA, localization-Escherichia coli RNA polymerase binding sites, electron microscopy 2172.
DNA, mapping, electron microscopy, comparison-phage G4 4638.
DNA, melting structure 7564.
DNA, mutagenesis-oligodeoxyribonucleotides 7028.
DNA, mutations, correction, oligodeoxyribonucleotides 811.
DNA, nucleotide sequence 1361.
DNA, nucleotide sequence determination, methodology 7565.
DNA, restriction endonuclease cleavage mapping, comparison-phage St-1/phage G4 608.
DNA, restriction endonuclease recognition sites, determinaton, computer programs 603.
DNA, restriction endonuclease recognition sites 1360.
DNA, structure, Escherichia coli ribosomal proteins binding effects on 703.
DNA biosynthesis, Escherichia coli dna mutant 6304.
DNA biosynthesis, fidelity, metals/nucleotides pools effects on 7669.
DNA biosynthesis, inhibition, CTP (2′-deoxy-2′-azido) 699.
DNA biosynthesis, primer biosynthesis 104.
DNA biosynthesis, role-Escherichia coli DNA-binding protein 5495.
DNA biosynthesis replication proteins, review 7671.
DNA conformation, effects on free radicals induction-proflavine 6895.
DNA repair, acids/osmium tetroxide/radiation (u.v.) damaged 170.
DNA repair, uracil-DNA glycosylase 4868.
DNA strand separation, catalysis, Escherichia coli rep gene proteins 101, 102.
F gene/G gene nonsense mutant, suppression-radiation (u.v.) 7804.
F gene nucleotide sequence/products amino acid sequence 1362.
gene A proteins, characterization/purification 6968.
gene G, deletion mutant construction 4869.
gene mapping, use-radiation (u.v.), review 7029.
genes, products analysis 1459.
genomes, phages identification/localization, review 6889.
genomes analysis 2110.
H gene mutants, DNA biosynthesis, infected Escherichia coli 4078.
inactivation, radiation (γ) 7638.
J gene regions, nucleotide sequence, comparison-phage G4 1354.
primers, oligodeoxyribonucleotides synthesis 103.
promoters, radiation (u.v.) mapping 706.
protein E identification/characterization 52.
recombination, promotion-phage λ, genetic analysis 3491.
replicative form DNA, R-loops characterization 2874.
replicative form DNA, replication, in vivo 707.
mRNA, nucleotide sequence, evolutionary genetics 2871.
RNA biosynthesis, Escherichia coli ribonuclease III/termination factor rho effects on 6305.
thymidine kinase genes, transformation-cells, mice 5563.
Phage φ105,
DNA, restriction endonuclease/genes mapping 604.
prophages, complementation, assays-Bacillus subtilis fusion 7846.
Phage φ105C,
DNA, Bacillus amyloliquefaciens restriction endonuclease recognition sequence 7566.
DNA, restriction-modification, Bacillus subtilis 4903.
Phage φ149,
pathogenicity, absence-replication, mechanisms, Vibrio cholerae 6402.
Phage φ21,
DNA, nucleotide sequence, comparison-phage λ 4640.
Phage φ29,
collars/tails proteins, assembly 4152.
DNA, restriction endonuclease cleavage mapping 6191.
growth, Bacillus subtilis antibiotic resistance mutants 1559.
infected Bacillus subtilis minicells, toluene treated, DNA biosynthesis 87.
light scattering, intensity fluctuations 2142.
replication, Bacillus subtilis DNA biosynthesis temperature-sensitive mutant 2173.
replication, relationship-sporulation, Bacillus subtilis 2934.
structure, X-ray scattering 4713.
trapping, spores, Bacillus subtilis 4901.
Phage φ6,
capsids, associated RNA polymerase activity 6307.
double-stranded RNA denaturation 24, 605.
inactivation, alcohols/fatty acids (long-chain) 4714.
inactivation, fatty acids derivatives 5761.
infection, Pseudomonas phaseolicola, freeze-fracture studies 678.
lytic enzymes activity 5460.
RNA biosynthesis, Pseudomonas phaseolicola 708.

Phage φ6,(continued)
RNA biosynthesis/RNA replication temperature-sensitive mutant, characterization 812.
virions, lysin activity/role-infection 6231.
Phage φ80,
antiviral activity, zinc, chlorides effects on 5082.
DNA, nucleotide sequence, comparison-phage λ 4640.
mapping (genetic) 2222.
proteins, antigenic characteristics/electrophoresis/isoelectric focusing 6927.
transducing, RNA/tRNA genes mapping 4643.
Phage φ9,
DNA, 5′-terminus associated proteins 1383.
Phage A-1,
adsorption, Anabaena variabilis 6958.
Phage AM-1,
infected Microcystis aeruginosa, lysates effects on Daphnia magna 8432.
Phage AP3,
lysogeny, Klebsiella pneumoniae, conversion expression regulation 1550.
lysogeny, Klebsiella pneumoniae, morphology, correlation-superinfection resistance loss 1549.
Phage AS-1,
adsorption, Anacystis nidulans, light effects 4732.
infected Anacystis nidulans, ribonuclease characterization 8433.
mutagenesis, acriflavine/N-methyl-N′-nitro-N-nitrosoguanidine/radiation (u.v.) 6376.
reactivation, radiation (u.v.), Anacystis nidulans 1527.
Phage ATCC 11759,
DNA, physicochemical properties 3970.
Phage Bam35,
physicochemical properties/classification/replication, Bacillus subtilis 659.
Phage BF23,
deletion mutant, mapping 2775.
DNA, restriction endonuclease cleavage maps 6186.
DNA, structure 6229.
nonpermissive infection, ColIb carrying Escherichia coli, mechanisms 7837
nonsense suppressor mutant, characterization 804.
tRNA genes, mapping 805.
Phage B932a,
characterization, Pasteurella multicida 2815.
Phage C_D,
DNA, electron microscopy 6890.
Phage CAI,
resistance, Streptococcus group A, characterization/selection 2243.
Phage Cb13,
light scattering, intensity fluctuations 2142.
Phage CK-1,
isolation/physicochemical properties/replication/adsorption 4053.
Phage CP1,
characterization 2816.
Phage C2,
Enterobacter cloacae, classification/morphology 2.
Phage C2F,
Enterobacter cloacae, classification/morphology 2.
Phage C5,
effects on Pseudomonas aeruginosa radiation (u.v.) survival 7838.

Phage DDII,
DNA, restriction, DNA methyltransferase, Shigella sonnei/Shigella stutzeri 2238.
restriction-modification, specificity, Escherichia coli/Shigella 7043.
Phage DDVI,
DNA, methylation, Shigella stutzeri/Shigella sonnei 94.
DNA methylase, guanine methylase, function/specificity 5517.
restriction-modification, specificity, Escherichia coli/Shigella 7043.
Phage DDVII,
restriction-modification, specificity, Escherichia coli/Shigella 7043.
Phage DLP 10716,
DNA characterization 6189.

Phage D29,
adsorption, Mycobacterium leprae 1433.
infection, Mycobacterium leprae, effects on cell walls 6397.
Phage E16B,
Erwinia herbicola, classification/morphology 2.
Phage E16P,
Erwinia herbicola, classification/morphology 2.
Phage E3,
Erwinia herbicola, classification/morphology 2.
Phage E79,
receptors, Pseudomonas aeruginosa 2852.
Phage fd,
complementary tridecanucleotides, synthesis 597.
DNA, fate, Glycine max nuclei 19.
DNA, gene II proteins cleavage sites, localization 4635.
DNA, interaction-Escherichia coli DNA-binding proteins, fluorescence 1452.
DNA, interaction-Escherichia coli recA gene proteins 5448.
DNA, interaction-Escherichia coli RNA polymerase 3453.
DNA, nucleotide sequence 2776.
DNA, promoters regions, polynucleotides, enzymatic-chemical synthesis 6292.
DNA, radiation (u.v.) cross-linking-gene 5 protein 6291.
DNA, stability mapping 6891.
DNA, structure, electron microscopy 3971.
DNA promoters regions, polynucleotides, synthesis 2169.
genomes, phages, identification/localization, review 6889.
proteins, spectroscopy, pH effects 7608.
replicative form DNA, Escherichia coli restriction endonuclease cleavage 6293.
replicative form DNA, promoters function, bases substitution effects on 6967.
replicative form DNA, transcription, Caulobacter crescentus/Escherichia coli RNA polymerase 6294.
restriction-modification, recognition sites, nucleotide sequence, Escherichia coli 4895.
Phage Felix O,
resistance mutants, Salmonella typhimurium, lipopolysaccharides cores defects 1551.
Phage Fels 1,
hybrids-phage P22, antigen 0-1 conversion, Salmonella typhimurium 4208.
Phage FF4,
restriction-modification, Streptomyces 4896.
Phage FR2,
lysogeny, Klebsiella pneumoniae, conversion expression regulation 1550.
lysogeny, Klebsiella pneumoniae, morphology, correlation-superinfection resistance loss 1549.
Phage f1,
coat protein, effects on Escherichia coli phosphatidylserine synthetase 3445.

IRL©1979

Phage f1,(continued)
coat protein, integration-Escherichia coli membranes fractions 4844.
defective-interfering particles, DNA, nucleotide sequence analysis 4636.
DNA-unwinding protein, characterization 50.
genes, nucleotide sequence 6378.
genomes, phages identification/localization, review 6889.
hybrids-plasmid pSC101, DNA insertion sequences characterization 6187.
insertion mutant, construction/restriction endonuclease EcoRI sensitivity 7026.
recombinants-plasmid pSC101, isolation/characterization 6377.
replicative form DNA, isolation-circular DNA 4070.
replicative form DNA strands, DNA biosynthesis initiation 4069.
specific mRNA, characterization, infected Escherichia coli 4754.
Phage F1083,
transduction, use-Pseudomonas aeruginosa gene mapping 3505.
Phage F116,
transduction, streptomycin resistance, Pseudomonas aeruginosa, frequency, freshwater reservoirs 4200.
transfection, Pseudomonas aeruginosa 7044.
Phage F116L,
transduction, use-Pseudomonas aeruginosa gene mapping 3505.
Phage f2,
inactivation, chlorine incorporation-RNA, pH effects on 6714.
mutants, suppression, streptomycin resistant mutant Escherichia coli ribosomes 5548.
replicative form RNA, antiviral activity/induction-interferon 5653.
rRNA, molecular weight, electron microscopy 1450.
Phage F2,
RNA, structure, c.d. 4637.
Phage GA,
propagation, mice, germfree/gnotobiotics 8392.
Phage gh-1,
DNA, cleavage, Vigna mungo endonuclease 31.
DNA transcription, Pseudomonas putida 6295.
Phage G13,
DNA replication, Escherichia coli dna mutant 698.
Phage G4,
DNA, mapping, electron microscopy, comparison-phage φX174 4638.
DNA, nucleotide sequence 2104.
DNA, restriction endonuclease cleavage mapping, comparison-phage φX174/phage St-1 608.
DNA, restriction endonuclease mapping 598.
DNA biosynthesis, inhibition, CTP (2′-deoxy-2′-azido) 699.
genomes, phages identification/localization, review 6889.
J gene regions, nucleotide sequence, comparison-phage φX174 1354.
replicative form DNA, replication, Escherichia coli dna mutant 7658.
Phage H,
DNA, comparison-phage T7 5450.
Phage Hyφ1a,
isolation/physicochemical properties, Hyphomicrobium 6249.
Phage Hyφ22a,
isolation/physicochemical properties, Hyphomicrobium 6249.
Phage Hyφ32a,
isolation/physicochemical properties, Hyphomicrobium 6249.
Phage I,
tail fibres, structure 4032.
Phage IKe,
inheritance, plasmid RM98 carrying Escherichia coli 4201.
replication, Escherichia coli, requirements-IncP plasmids 3427.
Phage I3,
amber mutant, isolation, Mycobacterium smegmatis 7027.
DNA, injection, inhibition, Tween-80 4054.
Phage J1,
DNA, interaction-lysine 4639.
infection, Lactobacillus casei, monocaprin/monocaprylin effects on 7045.
Phage K29,
adsorption/penetration, Escherichia coli capsules 5511.
Phage K3,
inactivation, Escherichia coli protein E 4202.
receptors, Escherichia coli ompA mutant 6278.
Phage L,
inactivation-phage P22 repression 5564.
repression/immunity, genetic analysis, Salmonella 1531.
Phage-like particles,
detection, electron microscopy, Treponema 5474.
Phage LP-52,
resistant mutant, Bacillus licheniformis, mapping, transduction-phage SP-15 4904.
Phage LPP-1,
plaques formation, triazines effects on 4194.
Phage LP52,
DNA characterization 6189.
Phage L1,
isolation/physicochemical properties, Pseudomonas aeruginosa 4599.
Phage M-13,
coat protein, distribution, liposomes 7783.
Phage M-15,
transduction, chloramphenicol antibiotic resistance, Staphylococcus aureus 7844.
Phage MS2,
A protein structure, use-mRNA analysis 646.
coat protein, mRNA structure, effects on biosynthesis rate 6299.
coat protein biosynthesis, tRNA Lys, codons recognition 6300.
coat protein mRNA, nucleotide sequence, relationship-rRNA 3′-terminus 1454.
complementary DNA, plasmid pBR322 containing, characterization/construction 7663.
complementary DNA, plasmid pBR322 containing, insertion sequence 1 identification 7664.
genomes analysis 2110.
immune response (cell-mediated), guinea-pigs 255.
NA polymerase (RNA-dependent) cistrons RRNA fragments, role-initiation complex formation 4760.
propagation, mice, germfree/gnotobiotics 8392.
protein biosynthesis, Escherichia coli, initiation complex assembly, role-ribosomal proteins 4076.
retention, soil, wastewater 6009.
retention-soils, kinetics 7339.
RNA, coding, relationship-anticodons interaction-codons 4864.
RNA, infectivity/translation, benzo(a)pyrene diolepoxide effects on 4758.
RNA, interaction-ribosomal subunit 30S, inhibition, ribosomal subunit 50S 4757.
rRNA, molecular weight, electron microscopy 1450.
mRNA, nucleotide sequence, evolutionary genetics 2871.

Phage MS2,(continued)
tRNA, protein biosynthesis, misreading 98.
RNA, specific fragmentation 7563.
RNA, structure, Escherichia coli ribosomal proteins binding effects on 703.
RNA, translation, calcium effects on, Escherichia coli cell-free system 4759.
RNA, translation, in vitro, role-initiation factors 4756.
RNA, translation, ribosomes cleavage-cloacin DF13 effects on 6298.
RNA fragments, ribonuclease digestion/ketoxal modification 602.
RNA polymerase (RNA-dependent) cistrons, nuclease S1 digestion fragments, characterization 4641.
structure, spectroscopy (photon-correlation) 660.
vaccination, peptidoglycan adjuvanticity, guinea pigs 3051.
Phage Mu,
adsorption, Escherichia coli, genetic regulation 2854.
amber mutant, characterization 4866.
DNA, attachment sites, nucleotide sequence 7665.
DNA, cotransfer-R factor RP4, Agrobacterium tumefaciens/Escherichia coli 1557.
DNA, immunity regions, cloning/genetic analysis 7802.
DNA, insertion sites, characterization 3389.
DNA, integration-Klebsiella pneumoniae nitrogen fixation genes, induced mutants 1455.
DNA, nucleotide sequence, 3′-terminus/5′-terminus 2107.
DNA fragments, plasmids containing, characterization/construction 4168.
DNA ligase activity, Escherichia coli mutants 5519.
DNA replication/transposition, molecular models 5520.
gene regulation, review 5494.
genes, gene mapping 4867.
genetic relationship-phage P1 169.
hybrids-R factor RP4, transfer, Rhodopseudomonas sphaeroides 7049.
induced DNA modification, requirements, Escherichia coli 1556.
insertion, chloramphenicol antibiotic resistance transposons 809, 2221.
insertion-R factor RP4, transfer-Klebsiella pneumoniae/Rhizobium meliloti 7800.
integration-Escherichia coli chromosomes, mechanisms 6301.
mutants, ampicillin antibiotic resistance containing, characterization/isolation 6893.
prophages, DNA replication termini, mapping, Escherichia coli 6297.
prophages, stimulation-Escherichia coli chromosomes deletions 843.
recombinants-chloramphenicol antibiotic resistance transposons + insertion sequences, DNA, electron microscopy 810.
replication, role-integration 81.
repressors, interaction-DNA 5561.
S gene/U gene, mapping, DNA 3390.
transduction-Escherichia coli genes, review 3509.
transduction mutants, characterization 7801.
use, lac gene-deoxyribose operon fusion, Escherichia coli 7842.
Phage Mu-1,
chromosomes rearrangement, insertion, insertion sequence 2 4865.
integration, Escherichia coli, mechanisms 2245.
use-derivation-recombinant R factors 846.
Phage M12,
plaques formation, triazines effects on 4194.
replication, Escherichia coli, 2,4-dichlorophenoxyacetic acid/gibberellic acid/β-indolylacetic acid effects on 4056.
replication, thiourea derivatives effects on 4725.
Phage M13,
amber mutant, DNA nucleotide sequence 7803.
cloned miniphages, replication/structure 705.
coat protein, interaction-liposomes 2134.
coat protein, interaction-solvents, n.m.r. 6230.
coat protein precursors biosynthesis, Escherichia coli 6303.
DNA, localization-capsid protein mRNA initiation/termination sites 99.
DNA, Salmonella typhimurium histidine operon cloning 7843.
DNA, sequence determination 6894.
DNA, transcription, localization-promoters 1456.
DNA, transposons insertion 2918.
DNA biosynthesis, DNA-unwinding protein effects on, Escherichia coli cell-free system 6302.
gene I/gene III/gene VI DNA, nucleotide sequence 6190.
gene VII, nucleotide sequence 2778.
gene 5 protein, interaction-oligonucleotides 2133.
genomes, phages, identification/localization, review 6889.
protein biosynthesis/RNA biosynthesis, Escherichia coli minicells 2872.
replication, Escherichia coli, inhibition, DNA polymerase associated exonuclease defective mutant 3448.
single-stranded DNA, Escherichia coli RNA polymerase binding sites, characterization 704.
Phage N-1,
metals effects on 2817.
Phage N4,
DNA transcription complex, characterization, Escherichia coli 7666.
DNA transcription complex, location, Escherichia coli 7667.
RNA polymerase characterization 100.
Phage PA-2,
lysogeny, effects on Escherichia coli membranes proteins 4899.
Phage PBS,
like defective phages, characterization/isolation/use-Bacillus classification 7050.
Phage PBSX,
like defective phages, sheaths, structure 1413.
Phage PBS1,
cytosine deaminated DNA, repair, uracil-DNA glycosidase 1530.
DNA repair, uracil-DNA glycosylase 4868.
infected Bacillus subtilis, dUTP origin 7051.
transduction, Bacillus subtilis, uracil(6-(p-hydroxyphenylazo)) effects on 4900.
Phage PBS2,
induced DNA polymerase, Bacillus subtilis, relationship-hosts DNA polymerase III 2873.
induced DNA polymerase, characterization/purification 2170.
induced DNA polymerase, characterization, exonuclease activity 2171.
Phage PG24,
transduction, Streptococcus pneumoniae genes 3510.
Phage PL-1,
adsorption, Lactobacillus casei, ATP levels effects on 2163.
Phage PM2,
assembly, in vitro 4846.
assembly/structure, review 2141.
circular DNA, binding-sibiromycin, effects on density 4644.
closed circular DNA, interaction-hedamycin 6897.
DNA, cleavage, Vigna mungo endonuclease 31.
DNA, closed/nicked, helix-coil transitions 2780.

IRL©1979

Phage PM2,(continued)
DNA, cross-linking-bleomycin 7568.
DNA, damage, induction, bleomycin, mechanisms 3974.
DNA, interaction-Escherichia coli/Micrococcus luteus DNA gyrase, mechanisms 709.
DNA, purines insertion, Escherichia coli enzymes 4645.
DNA, restriction endonuclease cleavage sites mapping, methodology 7567.
DNA, secondary structure probes, Alteromonas espejiana deoxyribonuclease 3393.
DNA, transport/uptake, Streptococcus pneumoniae 7847.
DNA cleavage, nuclease S1 25.
inactivation, alcohols/fatty acids (long-chain) 4714.
inactivation, radiation (u.v.), water 7375.
membranes morphogenesis temperature-sensitive mutant, characterization 4169.
nucleocapsids, subunits characterisation/separation 4605.
protein biosynthesis, cell-free system 2174.
structure, neutron small angle scattering 662.
Phage PP7,
RNA, coat protein cistrons, binding sites-Escherichia coli/ Pseudomonas aeruginosa ribosomes, identification/ nucleotide sequence 5521.
rRNA, molecular weight, electron microscopy 1450.
Phage PRD1,
amber mutant suppressors, Pseudomonas acidovorans 5589.
Phage PRR1,
coat protein, amino acid sequence 6232.
Phage PR24,
replication/ultrastructure 7628.
Phage PR4,
maintenance, Pseudomonas aeruginosa, NAH plasmid/TOL plasmid effects on 6403.
Phage PR772,
host range/physicochemical properties/replication/ requirements-R factor R772 4646.
Phage Px1,
inactivation-phage P22 repression 5564.
Phage P1,
antiviral activity, zinc, chlorides effects on 5082.
ban gene proteins, association-Escherichia coli dnaB gene proteins 710.
DNA, cloned fragments, characterization/isolation 4647.
DNA, comparison-phage P7 7629.
DNA, fragments, cloning-phage λ vectors 7794.
DNA, kanamycin resistance determinants, mapping 7805.
dnaB gene analogues proteins, relationship-Escherichia coli dnaB gene proteins 7848.
genetic relationship-phage Mu 169.
lysogeny, maintenance, Escherichia coli, role-plasmids 5590.
prophages, incompatibility-hydrogen sulphide production/ tetracycline antibiotic resistance plasmids, Escherichia coli 5591.
restriction endonuclease, cleavage sites-SV40 DNA 4660.
superinfection, Escherichia coli, resistance mechanisms, genetic analysis 4170.
transduction, Escherichia coli, plasmids effects on 2935.
use, gene mapping, Escherichia coli 6398.
Phage p1,
use-derivation-recombinant R factors 846.
Phage P1,
virions, DNA analysis 6192.
Phage P2,
capsids size determination, interference, phage P4 4079.
DNA, restriction endonuclease mapping 4648, 4649.
DNA maturation/packaging 7019.
Escherichia coli, temperature sensitive mutant lysogeny 7052.
genes, activation, phage P4, Escherichia coli mutants effects on 3449.
interference-phage λ DNA biosynthesis, Escherichia coli, role-old gene 95.
lysogenic Escherichia coli, sensitivity, radiation (X) 5592.
mutants, prevention-genes activation, phage P4 4171.
role-phage P4 capsids size control 4030.
temperature-sensitive mutant, lysogeny, Escherichia coli 2936.
Phage P22,
assembly, coat protein/scaffolding protein biosynthesis, regulation 1460.
DNA, encapsidation, in vitro 7020.
DNA, restriction endonuclease mapping 6193.
DNA, structure, models 4642.
DNA biosynthesis/genetics, Salmonella typhimurium, review 2175.
DNA encapsidation, proteins requirements 7021.
early genes activation, superinfection, Salmonella 1532.
endo-rhamnosidase, specificity, Salmonella 7672.
gene 8 mutants, preheads structure 3485.
hybrids-phage Fels 1, antigen 0-1 conversion, Salmonella typhimurium 4208.
infection, Salmonella typhimurium, spermidine effects on 711.
light scattering, intensity fluctuations 2142.
maturation/replication, Salmonella typhimurium replication initiation mutants 6366.
R factor R404 transduction, Salmonella typhimurium 6405.
radiation (u.v.), mutagenesis/reactivation, Salmonella typhimurium, role-plasmid pKM101 1533.
recombination-phage λ, immunity 2917.
repression, inactivation, phage L/phage Px1 5564.
repression/immunity, genetic analysis, Salmonella 1531.
repressors biosynthesis, regulation mutants 4172.
transduction, Escherichia coli, plasmids effects on 2935.
transduction, Salmonella typhimurium mutants 2247.
transduction particles, infection-Salmonella typhimurium DNA defective mutant, DNA biosynthesis control 6404.
transduction-Salmonella typhimurium genes 7053.
Phage P4,
activation-phage P2 genes, Escherichia coli mutants effects on 3449.
activation-phage P2 genes, prevention, phage P2 mutants 4171.
capsids size, control, role-phage P2 4030.
chromosomes, RNA polymerase binding sites distribution 7569.
DNA replicative intermediates, distribution/size, Escherichia coli 6969.
interference-phage P2 capsids size determination 4079.
Phage P7,
DNA, comparison-phage P1 7629.
Phage Qβ,
capsid protein deficient, derived from Escherichia coli temperature-sensitive mutant 4761.
coat protein cistrons, RNA, nucleotide sequence analysis 1364.
coat proteins biosynthesis, control mechanisms, Escherichia coli 5522.
DNA containing plasmids, phage Qβ formation, Escherichia coli 813.
plaques formation, triazines effects on 4194.
propagation, mice, germfree/gnotobiotics 8392.
RNA, binding-Escherichia coli ribosomes, tRNA (formylmethionyl) effects on 6970.
RNA, binding-ribosomes, initiation complex formation, inhibition, complementary oligonucleotides-Escherichia coli

Phage Qβ,(continued)
rRNA 16S 3′ terminus 4080.
RNA, isolation methodology, nucleotide sequence analysis 1365.
rRNA, molecular weight, electron microscopy 1450.
RNA, nucleotides analogues insertion, mutagenesis, sites specificity 4173.
RNA, ribonuclease oligonucleotides, localization/nucleotide sequence 1363.
RNA, translation, calcium effects on, Escherichia coli cell-free system 4759.
RNA biosynthesis, RNA chains elongation 712.
RNA polymerase (RNA-dependent), role-RNA replication, mechanisms 6308.
RNA polymerase (RNA-dependent), templates specificity 4762.
variants, RNA, structure/templates activity, radiation (u.v.) effects on 4763.

read-through protein, biosynthesis, cell-free system, magnesium effects on 7673.
Phage Rφ6P,
plasmids/prophages properties, Rhodopseudomonas sphaeroides 1561.
Phage RB69,
infected Escherichia coli, tRNA characterization 1461.
Phage RL1,
characterization/isolation/physicochemical properties, Rhizobium leguminosarum 3944.
Phage RL38,
transduction, Rhizobium leguminosarum 7054.
Phage RL39,
transduction, Rhizobium leguminosarum 7054.
Phage R17,
rRNA, molecular weight, electron microscopy 1450.
RNA, specific fragmentation 7563.
Phage R4,
restriction-modification, Streptomyces albus, role-endonuclease 2248.
Phage SBβ,
transduction, isoleucine-valine operon/threonine operon operons genes, Bacillus subtilis 2937.
Phage SD,
DNA, interaction-sodium bisulphite 26.
Phage Sd,
DNA, mapping 4650.
DNA, O-methylhydroxylamine mutagenesis, mechanisms 6265.
Phage SF6,
infection, Bacillus subtilis, calcium ions requirements 4057.
Phage SH-133,
temperature-sensitive mutant, characterization/isolation, Pseudomonas facilis 5565.
Phage SH10,
DNA, physicochemical properties 7570.
Phage SH11,
DNA, physicochemical properties 7570.
Phage SH12,
DNA, physicochemical properties 7570.
Phage SH3,
DNA, physicochemical properties 7570.
Phage SM-2,
host range/use-biological control, Synechococcus elongatus/Microcystis aeruginosa 6118.
Phage SN1,
characterization/host specificity/isolation, Sphaerotilus natans 6845.
Phage SP,
propagation, mice, germfree/gnotobiotics 8392.
RNA polymerase (RNA-dependent), characterization/purification, infected Escherichia coli 1462.
RNA polymerase (RNA-dependent), templates specificity 4762.
Phage SP-15,
transduction, Bacillus licheniformis, phage LP-52 resistant mutant mapping 4904.
Phage SPO1,
DNA-binding protein, effects on promoters competition 4081.
growth, Bacillus subtilis antibiotic resistance mutants 1559.
infected Bacillus subtilis minicells, toluene treated, DNA biosynthesis 87.
infection, effects on Bacillus subtilis/Escherichia coli RNA polymerase transcription selectivity 6406.
Phage SPO2,
cytosine deaminated DNA, repair, uracil-DNA glycosidase 1530.
Phage SPP1,
DNA, restriction endonuclease fragments arrangement 4652.
DNA, structure 4651.
DNA biosynthesis, analysis 4082.
DNA mapping/replication origins localization 606.
infected Bacillus subtilis minicells, toluene treated, DNA biosynthesis 87.
protein biosynthesis, Bacillus subtilis minicells 6971.
replication, Bacillus subtilis DNA biosynthesis temperature-sensitive mutant 2173.
transcription in vitro, DNA restriction endonuclease cleavage mapping 6309.
transduction, Bacillus subtilis 1562, 5593.
Phage SP01,
DNA, restriction endonuclease mapping 6898.
Phage SP10,
restriction, Bacillus subtilis, genes mapping 4902.
transduction, Bacillus subtilis, uracil(6-(p-hydroxyphenylazo)) effects on 4900.
Phage SP10c,
DNA biosynthesis, dTMP origin 3450.
Phage SP15,
dTMP enriched DNA, expression/production, Bacillus subtilis 713.
Phage SP50,
binding-Bacillus subtilis, relationship-cell walls composition 1434.
binding-Bacillus subtilis cell walls 4735.
receptors, maintenance, Bacillus subtilis, cell division 5513.
Phage SP82,
DNA, transcription, sodium chloride effects on 4083.
Phage St-1,
DNA, restriction endonuclease cleavage mapping 607.
DNA, restriction endonuclease cleavage mapping, comparison-phage φX174/phage G4 608.
Phage S13,
DNA, Escherichia coli RNA polymerase binding sites, localization 105.
DNA, localization-Escherichia coli RNA polymerase binding sites, electron microscopy 2172.
F gene/G gene nonsense mutant, suppression-radiation (u.v.) 7804.
gene mapping, use-radiation (u.v.), review 7029.
genes, products analysis 1459.
genomes, phages identification/localization, review 6889.
promoters, radiation (u.v.) mapping 706.
Phage S2,
isolation/physicochemical properties, Pseudomonas

IRL©1979

Phage S2,(continued)
aeruginosa 4599.
T-even phages,
morphology/physical properties, hydrodynamics 6946.
infection, effects on DNA biosynthesis/protein biosynthesis/RNA biosynthesis, Escherichia coli 7849.
Phage TC23,
inactivation-Escherichia coli protein E 4202.
membrane protein receptors, Escherichia coli 1435.
Phage TC45,
inactivation-Escherichia coli protein E 4202.
membrane protein receptors, Escherichia coli 1435.
Phage Tg13,
C-mutant, characterization/isolation, Bacillus thuringiensis 6382.
Phage TuIII,
receptors, Escherichia coli ompA mutant 6278.
Phage typing,
correlation-biotyping/source, Salmonella typhimurium 834.
Escherichia coli, R form, diagnosis-urinary tract infection 7834.
Haemophilus influenzae 7839.
Klebsiella 4891.
Listeria monocytogenes 2241.
Mycobacterium 2930.
Mycobacterium, methodology 2924.
Mycobacterium tuberculosis, tuberculosis epidemiology, immigrants, British Isles, England 2925.
Proteus 1547.
Pseudomonas aeruginosa 2921, 3502, 6447.
relationship-Mycobacterium tuberculosis virulence, guinea-pigs 836.
Salmonella typhi 6395.
Salmonella typhi, man, Java 7832.
Salmonella typhi, plasmids effects on 4198.
Staphylococcus, dogs isolates 2923, 2926.
Staphylococcus, dogs isolates, Taiwan, Taipei 6394.
Staphylococcus, equipment 1548.
Staphylococcus, human/cattle/poultry isolates 7833.
Staphylococcus aureus 2920, 7042.
Staphylococcus aureus 7836.
Staphylococcus aureus, poultry isolates 7039.
Staphylococcus aureus, wounds isolates, man 7835.
Streptococcus 4197.
Streptococcus 4893.
Streptococcus cremoris, lysis resistance 2237.
Vibrio cholerae 4890.
Vibrio parahaemolyticus/agar digesting Vibrio, ecology 2239.
Phage T1,
antiviral activity, bisulphite/sulphite, pH effects 2458.
antiviral activity, zinc, chlorides effects on 5082.
DNA, methylation, involvement-Escherichia coli restriction 4764.
DNA, structure, radiation (γ)/radiation (u.v.) effects on 4653.
DNA replication, replicative intermediates characterization 714.
induction/transduction-phage λ, lysogenic Escherichia coli 6399.
intracellular, Escherichia coli, radiation (u.v.) resistance, chloramphenicol/cyanide effects on 3975.
recombination, genetic control 7806.
recovery, water supplies/sewage, adsorption-filters, pH/salts effects on 3260.
Phage T2,
dam mutant, DNA methyltransferase, methylation-phage λ DNA in vitro 4084.
DNA, deoxynucleotide kinase genes, transcription strand identification 106.
DNA, glucosylyl, fragmentation 27.
DNA, lithium salt/magnesium salt, structure, X-ray diffraction 609.
DNA, melting temperature, double stranded/single-stranded breaks effects on 6233.
DNA, radiation (u.v.) treated, role-nucleoside diphosphates polymerization, polynucleotide phosphorylase, use RNA primers 4765.
DNA, reaction-bisulphite 3976.
DNA renaturation kinetics 610.
inactivation, Callinectes sapidus proteins 7968.
inactivation, radiation (u.v.), water 7375.
infected Escherichia coli, tRNA characterization 1461.
infectivity, Escherichia coli cell walls amino acids effects on 84.
interaction-Escherichia coli, models 2938.
RNA, induction-antibodies, spleen, lymphosarcoma, rats 7969.
tail fibres, electrical birefringence 4715.
tail fibres isomerization, concentration/ionic strength dependence 69.
tail fibres isomerization, thermodynamics 68.
TMP synthetase, inhibition, α-deoxy-5-fluorouridylic acid analogues 5769.
variants, molecular weight, determination light scattering kinetics 7630.
Phage T3,
DNA, comparison-phage T7 5450.
infection, Escherichia coli, effects on cyclopropane fatty acids biosynthesis 6961.
lysis mutants, Escherichia coli 171.
methylmethionine-sulphonium salt hydrolase, characterization/purification 7675.
modification, Escherichia coli, prevention, ocr gene 6407.
preheads activity/role-assembly 4153.
restriction-modification, Escherichia coli K12, inhibition, anti-restriction proteins 6266.
RNA transcription, Escherichia coli RNA polymerase, secondary structure effects on 5523.
Phage T4,
adsorption, role-tail fibres position 1436.
adsorption/replication, Escherichia coli, cell walls modification effects on 4058.
alt gene, gene mapping 4174.
amber mutant, recombination frequency, Escherichia coli mutants effects on 2223.
antiviral activity, iodophor K30 5764.
assembly, Escherichia coli groE gene products requirements 7017.
assembly, tail fibres attachment, role-wac gene 4155.
baseplates, organization, relationship-function 4031.
baseplates proteins characterization/isolation/assembly 1464.
capsid protein, cleavage during morphogenesis 2911.
capsid protein, electron microscopy 4011.
CB121 mutant, DNA polymerase, characterization 1465.
conjugates-immunoglobulin E antisera, immunoglobulin E levels determination, man 848.
cytosine containing DNA, restriction endonuclease mapping 6899, 6901.
cytosine substituted DNA, restriction endonuclease analysis 6194.
cytosine substituted DNA, use-restriction endonuclease assays 7571.
deoxyribonuclease, substrate specificity 3452
dihydrofolate reductase, biosynthesis/localization-virions/metabolism 7679.
DNA, cytosine substituted, Escherichia coli restriction-

Phage T4,(continued)
modification susceptibility 7572.
DNA, electron microscopy, use-phosphotungstic acid 1355.
DNA, formation, genes control 4766.
DNA, glucosylyl, fragmentation 27.
DNA, interaction-histone H1 7573.
DNA, nucleotides analogues determination, methodology 6900.
DNA, radiation (u.v.), endonuclease V sensitive cytosine (5-hydroxymethyl) products 2781.
DNA, Streptomyces lavendulae restriction endonuclease cleavage sites 6196.
DNA apurinic sites, DNA repair-Anacystis nidulans cell-free system 2112.
DNA-binding protein, regulation-gene 32 mRNA translation 4086.
DNA-binding protein structure, DNA/polynucleotides effects on 112.
DNA biosynthesis, role-dCMP hydroxymethyltransferase, absence 1463.
DNA conformations, DNA-binding protein/DNA-unwinding protein effects on, review 7686.
DNA-delay gene products, interaction-Escherichia coli DNA gyrase 4090.
DNA ligase, formation-triple-stranded DNA 722.
DNA packaging, mechanisms 792.
DNA polymerase, errors recognition, mechanisms 4767.
DNA polymerase, interaction-Cibacron blue 6972.
DNA polymerase, mechanisms 718.
DNA polymerase, stimulation, gene 44/62/gene 45 proteins 107.
DNA polymerase mutants, recombination 4176.
DNA polymerase nonsense mutant, genetic analysis 3493.
DNA renaturation kinetics 610.
DNA repair, radiation (u.v.) induced damage 7798.
DNA transcription, initiation, dinucleotides, in vitro 721.
DNA unwinding protein, DNA binding properties 7677, 7678.
DNA unwinding protein, DNA binding sites/N-terminus amino acid sequence 110.
DNA unwinding protein, interaction-DNA, kinetics 715.
early gene comC-α, genetic analysis 6383.
endonuclease V, induction-radioresistance, radiation (u.v.), Escherichia coli uvr gene mutants 4065.
endonuclease V, SV40 DNA sensitivity, radiation (u.v.) effects on 6906.
ethyl methanesulphonate, treatment, DNA repair, recombination 7809.
extracellular, inactivation-dioxydine failure 5759.
gene expression, DNA restriction effects on 7685.
gene expression, role-polynucleotide5′-hydroxyl-kinase/polynucleotide3′-phosphatase 719.
gene expression, role-RNA polymerase/Escherichia coli termination factor rho 726.
gene expression/replication, glucosylation/restriction effects on 7684.
gene expression/transcription 725.
gene mapping, use-radiation (u.v.), review 7029.
gene 12 proteins, characterization, metalloproteins 53.
gene 31 protein proteins, purification/characterization/role-assembly 54.
gene 32/gene 43/gene 44/gene 62 proteins, role-DNA replication 7676.
gene 41/gene 44/gene 45/gene 62 proteins, assays/purification 7510.
gene 41 proteins purification/role-DNA biosynthesis 7681.
gene 44/gene 45/gene 62, transcription/translation 4870.
gene 44/62/gene 45 proteins catalyzed ATP hydrolysis, DNA recognition sites 1.
gene 63 protein proteins, purification/characterization/role-tail fibres attachment 647.
genes purification/role-DNA biosynthesis 7680.
heads, DNA packaging, 9-aminoacridine effects on 4156.
heads, DNA packaging, role-gene 20 793.
heads maturation, mechanisms, studies 2912.
heads morphogenesis, role-gene 40 1518, 1525.
heads morphogenesis/preheads assembly, role-gene 40 1519.
heads structure/formation, kinetics 156.
inactivation, DNA photosensitization, dyes 3102.
induced thioredoxin, structure, Escherichia coli 2875.
infected Escherichia coli, DNA precursors, nucleoside monophosphates/nucleoside triphosphates, compartmentation 108.
infected Escherichia coli, proteins release, outer membranes 5594.
infected Escherichia coli, tRNA characterization 1461.
infection, Escherichia coli, effects on proteins degradation 4742.
infection, Escherichia coli, effects on zinc transport/metabolism 88.
infection, Escherichia coli, ribosomes function, regulation 109.
infection, Escherichia coli, role-ATPase/electron transport chainEscherichia coli, phage T4 infection, role-ATPase/electron transport 6957.
infection, Escherichia coli, role-protonmotive force 5595.
infection, immune response, Lytechnicus pictus 5024.
lysozyme, low molecular weight substrates 7683.
lysozyme, thermal stability 7682.
maturation mutants, isolation/characterization 172.
N-methyl-N′-nitro-N-nitrosoguanidine, treatment, DNA repair, recombination 7808.
morphogenesis, role-Escherichia coli K12 mop gene, gene mapping 4209.
mutation, gene 45/gene 62, regulation sites 4871.
mutator genes, antimutator DNA polymerase effects on 5568.
osmotic shock resistance, role-gene 24 5566.
particles, DNA, electron microscopy 6195.
polycistronic tRNA operons products, transcription/isolation 724.
polyheads, capsid protein, proteolysis 648.
polynucleotide 5′-hydroxyl-kinase, characterization/purification 1324.
protein biosynthesis, temperature-ansitive mutant-initiation codons 4770.
proteins, preheads assembly 791.
proteins, preheads assembly, in vitro 155.
radiation (u.v.) sensitive mutants, DNA repair 815.
receptors, Escherichia coli role-lipopolysaccharides/proteins 2855.
receptors characterization, Escherichia coli 4059.
recombinants-phage λ, protein biosynthesis 4163.
recombination, early gene amber mutant 814.
recombination, stimulation-nitrous acid, mechanisms 7807.
ribonucleoside-diphosphate reductase, hydroxyurea effects on 4091.
rIIB gene mRNA, nucleotide sequence 4088.
rIIb mutant, recombination frequency 5567.
RNA biosynthesis, mot gene mutation effects on 3451.
RNA biosynthesis cell-free system, construction/properties 4089.
tRNA genes, biosynthesis/isolation 4768.
tRNA Gln biosynthesis, role-Escherichia coli ribonuclease III 4769.

IRL©1979

Phage T4,(continued)
RNA ligase, activity 1467.
RNA ligase, addition-oligonucleotides, DNA 5′-terminus 4085.
RNA ligase, assays/purification 5524.
RNA ligase, interaction-tRNA 3′-terminus/5′-terminus 716.
RNA ligase, joining-Escherichia coli tRNA oligonucleotides fragments 1466.
RNA ligase, labelling-3′-terminus, high molecular weight RNA 4087.
RNA ligase, purification, chromatography 6153.
RNA ligase, purification, infected Escherichia coli 6310.
RNA ligase, synthesis-Escherichia coli tRNA 111.
tRNA specificity, Escherichia coli ribonuclease, characterization/purification 723.
sensitivity, radiation (γ), oxygen/superoxide radicals effects on 3492.
tail fibres assembly/attachment mutants, characterization/isolation 4154.
tail fibres attachment, electrophoresis study 790.
tails proteins, assembly/characterization/purification 4012.
thymine requiring mutants, isolation 4175.
transduction mutants, Escherichia coli 7850.
uracil (5-bromo) containing DNA, radiation (u.v.) effects on 7574.
Phage T5,
assembly, Escherichia coli groE gene products requirements 7017.
DNA, interaction-Escherichia coli RNA polymerase 3453.
DNA, penetration polarity, Escherichia coli 6279.
DNA, restriction endonuclease analysis 2782.
DNA, restriction endonuclease cleavage 612.
DNA, tRNA genes containing fragments, isolation 611.
DNA interruption-deficient mutant, characterization/isolation 4177.
DNA interruption-deficient mutant, characterization 4178.
DNA renaturation kinetics 610.
D5 gene products, DNA-binding protein, characterization 2176.
genome, promoters, mapping, electron microscopy 2113.
infection, Escherichia coli, effects on proteins degradation 4742.
mutants, DNA, restriction endonuclease cleavage sites, mapping 6902.
nonpermissive infection, Escherichia coli carrying Col factors, effects on amino acids/sugars transport 5596.
nonpermissive infection, Escherichia coli carrying Col factors, effects on macromolecular biosynthesis/membranes 5597.
restriction endonuclease sensitive mutant 5598.
restriction endonuclease sensitive mutant, DNA modification 5599.
Phage T6,
infected Escherichia coli, tRNA characterization 1461.
tail fibres, electrical birefringence 4715.
Phage T7,
antiviral activity, zinc, chlorides effects on 5082.
capsids + DNA complex, staining, methodology 7577.
DNA, alkylated poly (I)/poly (C) effects on 614.
DNA, alkylation 29.
DNA, auromomycin induced strands breaks 7578.
DNA, binding-proteins, mapping, electron microscopy 613.
DNA, cleavage, Vigna mungo endonuclease 31.
DNA, comparison-phage T7 related phages 5450.
DNA, conformation, radiation (u.v.) effects on 4654.
DNA, differential methylation, Escherichia coli mutants 7828.
DNA, double-stranded breakage/cross-linking-proteins, induction, radiation (ionizing) 4872.
DNA, encapsulation, phospholipids vesicles 6267.
DNA, interaction-Escherichia coli RNA polymerase 114, 3453.
DNA, interaction-polyamines 30.
DNA, interaction-spermidine 32.
DNA, promoter (A2)/5′-terminus nucleotide sequence 28.
DNA, promoters regions, nucleotide sequence 2115.
DNA, promoters sites, mapping 2116.
DNA, promoters/terminators sites, utilization-bacterial RNA polymerase 6312.
DNA, radiation (u.v.) treated, Saccharomyces cerevisiae endonuclease α activity 2114.
DNA, replication/transcription, role-Escherichia coli DNA gyrase 4092.
DNA, structure, models 4642.
DNA, 3′-terminus/5′-terminus, nucleotide sequence 2117.
DNA condensation, cations effects on 6904.
DNA conformations, DNA-binding protein/DNA-unwinding protein effects on, review 7686.
DNA containing modified nucleotides, transcription, phage T7 specific RNA polymerase 115.
DNA packaging, Escherichia coli mutants 7022.
DNA replication origin, localization 6974.
early promoters, nucleotide sequence 5525.
electrophoresis, agarose gel 1415.
exonuclease, ribonuclease H activity 727.
gene mapping, use-radiation (u.v.), review 7029.
gene 0.3 expression, translation control 1468.
gene 1 DNA, nucleotide sequence 7576.
genes DNA, modification, alkylated RNA 6197.
inactivation, light/radiation (u.v.), kinetics 4655.
inactivation, radiation (u.v.) + hydrogen peroxide, mechanisms 7575.
induced RNA polymerase, complex-oligonucleotides 6311.
infection, Escherichia coli, effects on proteins degradation 4742.
late mRNA, fractionation/translation 116.
lethality, radiation (u.v.), enhancement, hydrogen peroxide 6903.
like phages, classification, use-protein biosynthesis patterns 6846.
markers rescue, relationship-DNA biosynthesis 2877.
modification, Escherichia coli, prevention, ocr gene 6407.
promoters, unwinding, Escherichia coli RNA polymerase 7687.
promoters recognition/initiation sites, DNA sequence 6973.
recombination, role-gene 3/gene 5 products 4179.
recombination in vitro, DNA packaging polarity effects on 816.
restriction-modification, Escherichia coli K12, inhibition, anti-restriction proteins 6266.
RNA biosynthesis/degradation, rates 2177.
RNA polymerase, binding-oligonucleotides 2876.
RNA polymerase promoters, nucleotide sequence 5449.
thermodynamic properties 70.
Phage Vi,
lysate, Salmonella typhi, N-acetylmuramoyl-L-alanine amidase/endopeptidase characterization/isolation 1469.
Phage Vi III,
deacetylase activity 4013.
Phage W31,
DNA, comparison-phage T7 5450.
Phage Xf,
coat protein, amino acid sequence 4695.

Phage ZAR2,
characterization/isolation, Escherichia coli 5475.
replication, Escherichia coli 5476.
susceptibility-radiation (u.v.) 5477.

Phage 1φ7,
DNA, transfection/transformation, bacteria, freeze-thawing effects on 4898.
Phage 186,
DNA, gene mapping 6905.
DNA, restriction endonuclease mapping 4648.
Phage 2C,
DNA, duplication/recombination, antibiotics effects on 7689.
DNA biosynthesis, bacteria permeabilized cells 728.
DNA replication, mechanisms 4771.
Phage 292,
phage typing, Staphylococcus aureus 7042.
Phage 434,
DNA, cII gene-cro gene regions, nucleotide sequence 3972.
DNA, nucleotide sequence, comparison-phage λ 4640.
DNA fragments, nucleotide sequence 615.
O_R operator, regions, characterization 4755.
proteins, antigenic characteristics/electrophoresis/isoelectric focusing 6927.
Phage 52A,
adsorption, Staphylococcus aureus, capsules effects on 4061.
Phage 62,
Erwinia carotovora, immunosuppression-Ehrlich ascites tumours, mice 948.
Phage 8,
adsorption, Pseudomonas aeruginosa slimes glycolipoproteins, effects on pathogenicity 4060.
Phage 82,
galactose operon, escape synthesis, Escherichia coli 2178.
Phage 84,
adsorption, Staphylococcus aureus, capsules effects on 4061.
Phages,
Bacillus subtilis, characterization/classification 6844.
bacteriophages isolation 2234.
contamination-serum, cattle, juveniles 4211.
culture collections, book 1315, 1316.
DNA, melting curve analysis, use-nucleotide sequence determination 3392.
Escherichia coli, infection-embryo cells, man, in vitro 5414.
genetic engineering 4855.
ghosts, lysis-Escherichia coli, assays 2922.
inhibition, association-tellurium resistance plasmids, Citrobacter freundii/Klebsiella pneumoniae 6392.
removal, water, sand filtration 6011.
Rhizobium meliloti, phage sensitivity, role-plasmids 839.
treatment-postoperative infection, orthopaedics surgery 7851.
use-detection-faeces water pollution 5227.
Phagocytosis,
macrophages, interferon effects on 2305.
macrophages, regulation, role-interferon 2977.
macrophages, role-interferon, Newcastle disease virus infection, mice 214.
Pharmaceuticals,
microorganisms contamination, detection 1131.
Pharyngitis,
herpes simplex virus 2, case reports 6628.
outbreaks, man, Germany, Fed. Rep., ECHOvirus 30 aetiology 389.
viruses, diagnosis/treatment, man 346.
Pharyngolaryngitis,
cattle, role-bacteria + parainfluenza virus 3 mixed infection 8363.
Phaseolus,
horsegram yellow mosaic virus host range 8437.
interspecific hybridization, yellow mosaic virus disease resistance 5367.
Phaseolus aureus,
mosaic disease viruses infection, effects on Bemisia tabaci biology 2756.
Phaseolus mungo,
India, mung bean mild mosaic virus/mung bean severe mosaic virus infection/characterization/transmission 1426.
Phaseolus sublobatus,
yellow mosaic virus resistance 6123.
Phaseolus vulgaris,
alfalfa mosaic virus infection, induction-resistance 5362.
artichoke yellow ringspot virus infection, cytology 3929.
bean common mosaic virus resistance 6120.
bean golden mosaic virus infection ultrastructure 1301.
bean rugose mosaic virus characterization/purification 642.
cucumber mosaic virus isolation/characterization/transmission/symptomatology 561.
France, peanut stunt virus strains, characterization/isolation 2759.
India, beet curly top virus infection 8451.
subterranean clover red leaf virus resistance 2028.
tobacco mosaic virus induced lesions, pathology Phaseolus vulgaris 5380.
tobacco mosaic virus/tomato mosaic virus infection, symptoms 4950.
Phasianus colchicus,
Czechoslovakia, encephalomyocarditis virus isolation 1221.
Pheasants,
cells, C-type virus activation/regulation, 20-methylcholanthrene 5103.
eastern equine encephalitis virus susceptibility 2006.
eastern equine encephalitis virus vaccines, efficacy 1686.
Phenanthrenequinone,
staining, cytomegalovirus infected WI-38 cells, localization-arginine rich proteins 7533.
o-Phenathroline,
effects on oncornavirus DNA polymerase (RNA-dependent) associated ribonuclease H activity 7744.
Phepotype mixing,
amphotropic/xenotropic murine leukaemia virus + ecotropic murine leukaemia virus, restriction, Fv-1 locus 4184.
ecotropic + xenotropic murine leukaemia virus, infection-heterologous cells 2766.
Phenotypes,
Rous sarcoma virus transformed fibroblasts, src gene products function 2475.
Phenylacetoaminomethylene nitrophenylalanine,
antiviral activity, murine leukaemia virus, mice, in vitro/in vivo 8032.
Phenylephrine,
treatment-croup, viruses, children, case reports 2660.
Phenytoin,
pharmacokinetics, infectious mononucleosis effects on, man 6632.
treatment + herpes simplex virus 2 infection, effects on lymph nodes morphology/lymphocytes T levels, mice 8398.
Philippines,
dengue virus haemorrhagic fever epidemiology, role-Aedes, man 3233.
rotavirus association-diarrhoea, children 1864.
rotavirus gastroenteritis, man 5922.
Philosamia cynthia ricini,
cytoplasmic polyhedrosis virus, polyhedra ultrastructure,

IRL©1979

Philosamia cynthia ricini,(continued)
mid-gut epithelium, Bombyx mori 1270.
Phlebotomus fever virus,
characterization/physicochemical properties, comparison-Chagres virus/Karimabad virus/Punta Toro virus 4720.
strains, seroepidemiology, man, USSR 1145.
Phleum bertolonii,
British Isles, brome mosaic virus isolation 6817.
Phloem,
alterations, beet curly top virus infected Beta vulgaris 2749.
Phlorenal,
antiviral activity, influenza A virus 5066.
Phorbol esters,
effects on differentiation, Friend leukaemia virus/Rauscher leukaemia virus transformed erythroleukaemia cell lines 4369.
Phorbol myristate acetate,
effects on collagen synthesis, Rous sarcoma virus transformed embryo fibroblasts, chickens 8089.
effects on plasminogen activators production, Rous sarcoma virus transformed embryo fibroblasts, chickens 5115.
Phosphate,
transport, membranes, SV40 transformed fibroblasts, mice 300.
transport, SV40 transformed fibroblasts, mice 3113.
5′-Phosphate-polyribonucleotide kinase,
isolation/reaction mechanisms, vaccinia virus 752.
Phosphatidylserine synthetase,
Escherichia coli, phage f1 coat protein effects on 3445.
Phosphoglucomutase,
genetic linkage-ecotropic murine leukaemia virus, chromosome 5, C3H/HeJ mice/BALB/c mice 6596.
Phospholipids,
composition, membranes, SV40 transformed 3T3 cells 3662.
composition, spleen erythroblasts, Rauscher leukaemia virus infection, mice 3318.
composition, vesicular stomatitis virus 670.
envelopes, role-Sendai virus haemolysis activity 4039.
extracts, bacteria, inhibition-frog virus 3 infection, mice 8401.
levels/metabolism, man, hepatitis (acute) 7325.
metabolism, SV40 transformed fibroblasts, hamsters 5092.
vesicles, phage T7 DNA encapsulation 6267.
Phosphonoacetate,
treatment-cytomegalovirus/herpes simplex virus 2/herpes simplex virus 1 experimental infection, guinea-pigs/mice 2720.
Phosphonoacetic acid,
drug resistance, mapping, herpes simplex virus DNA 3496.
effects on adeno-associated virus replication 4773.
effects on Epstein-Barr virus early antigen biosynthesis, lymphoblastoid cell lines 3463.
effects on herpes simplex virus latent infection reactivation, mice 5765.
effects on SMON virus replication in vitro/in vivo 577.
inhibition-C-type virus DNA polymerase (RNA-dependent) 1491.
treatment-herpes simplex virus infection, skin, guinea-pigs 3885.
treatment-herpesvirus (simian) infection, Erythrocebus patas 530.
Phosphonoformate,
inhibition-visna virus replication, choroid plexus cells, sheep 7648.
treatment-cytomegalovirus/herpes simplex virus 2/herpes simplex virus 1 experimental infection, guinea-pigs/mice 2720.
Phosphoproteins,
antigenic relationship, Harvey sarcoma virus/Kirsten sarcoma virus/rat sarcoma virus 8132.
characterization, Harvey sarcoma virus/Kirsten sarcoma virus transformed cells 8124.
characterization, mammary tumour virus 2803.
characterization/release, viruses transformed cells 6555.
murine leukaemia virus, amino acid sequence homology-histone H5, mice 6934.
precursors, characterization, vesicular stomatitis virus, L cells 5542.
5-Phosphoribosyl-1-Pyrophosphate,
levels, Rous sarcoma virus transformed embryo fibroblasts, chickens 7225.
Phosphorus-32,
decay, effects on Bacillus subtilis transfection, phage φe 7845.
Phosphorylation,
mammary tumour virus precursors polypeptides 5539.
sites, avian sarcoma virus transformation proteins 4017.
Phosphotungstic acid,
antiviral activity, sugarcane mosaic virus 1733.
phage λ/phage T4 DNA, electron microscopy 1355.
Photoinactivation,
efficacy/methodology, poliovirus, wastewater 5284.
methylene blue, poliovirus, sewage 1927.
treatment-herpes simplex virus genital tract infection, man 6022.
Western equine encephalitis virus/herpes simplex virus 1 RNA/DNA, psoralen derivatives 175.
Photosensitization,
furocoumarin, induction-phage λ prophages, Escherichia coli 5586.
neutral red, herpes simplex virus 1 1536.
Physalis floridana,
tissues, potato leaf roll virus/tobacco necrotic dwarf virus purification, methodology 7515.
Physalis pubescens,
potato leaf roll virus transmission, Myzus persicae 6137.
Physical properties,
Datura mosaic virus 3424.
Physicochemical properties,
Cucumis melo mosaic disease viruses 4045.
phage φV-1 3416.
Phytohaemagglutinin,
response, man, rubella virus infection 965.
Phytolacca americana,
plant extracts, antiviral agents characterization 8033.
Phytoseiulus persimilis,
virus-like particles infection, association-Rickettsiella phytoseiuli 544.
Pichinde virus,
photoinactivation, chlorpromazine 4669.
polynucleotide adenylyltransferase/polynucleotide uridylyltransferase/RNA polymerase (RNA-dependent) characterization 4824.
pseudotypes-vesicular stomatitis virus, characterization/formation, in vitro 2903.
Picornavirus,
aetiology, heart diseases, man 5887.
encapsulation, liposomes/infection-non primates cells 6270.
genome RNA, 3′terminus, nucleotide sequence 1372.
isolation/physicochemical characteristics, hepatitis patients 6144.
physicochemical properties/taxonomy 3946.
Pieris rapae,
control, nuclear polyhedrosis virus ± granulosis virus ± Bacillus thuringiensis ± chlordimeform 2740.

Pieris rapae,(continued)
granulosis virus infection pathology 2022.
Pigeons,
poxvirus infection, South Africa 4529.
Pigs,
Asia, influenza A virus strains distribution 6761.
British Isles, pseudorabies epidemiology/prophylaxis 501.
British Isles, pseudorabies epidemiology/prophylaxis/control 502.
British Isles, pseudorabies prophylaxis/control 524.
Canada, parvovirus (porcine) seroepidemiology 1214.
cell culture, Newcastle disease virus vaccines derived from, efficacy, chickens 2425.
coronavirus characterization/isolation-diarrhoea 1972.
cytomegalovirus rhinitis (inclusion body), clinical manifestations/epidemiology, USA, Iowa 4527.
foot-and-mouth disease/swine vesicular disease/vesicular exanthema of swine/vesicular stomatitis clinical manifestations/diagnosis/epidemiolgy, review 1967.
German Dem. Rep., hog cholera virus vaccines efficacy 1688.
German Dem. Rep., pseudorabies virus vaccines efficacy 1683.
Germany, Fed. Rep., pseudorabies outbreaks 1199.
Germany, Fed. Rep., transmissible gastroenteritis virus infection, incidence 3871.
haemagglutinating encephalomyelitis virus infection pathogenicity, correlation-inoculation route 2010.
hog cholera virus antibodies detection, haemagglutination (passive) 190.
hog cholera virus vaccination, hog cholera virus isolation after 247.
Hungary, pseudorabies epizootiology/pathogenesis 499.
Hungary, pseudorabies seroepidemiology/control 500.
immunized, pseudorabies virus immune response 1701.
intestinal tract, enterovirus (porcine) vaccines, antibodies specificity 2411.
Italy, influenza A isolation 6040.
Japan, influenza A virus seroepidemiology 3876.
Japan, Japanese encephalitis virus ecology 514.
Japan, Japanese encephalitis virus infection incidence 1983.
Japanese encephalitis virus vaccines, efficacy 5703.
juveniles, pseudorabies outbreaks, clinical manifestations/diagnosis, Germany, Fed. Rep. 3863.
juveniles, reovirus infection, susceptibility/symptoms 5335.
juveniles, rotavirus vaccines efficacy 7155.
juveniles, trachea organ culture, respiratory syncytial virus infection/pathology 3387.
kidney, cell lines, Tuleniy virus growth 4620.
parvovirus endometritis, treatment 8391.
pseudorabies virus vaccination during pseudorabies incubation 242.
respiratory tract infection, viruses characterization 1196.
rotavirus infection, review 7409.
transmissible gastroenteritis virus infection, temperature (ambient) effects on 345.
transmissible gastroenteritis virus infection pathology 2695.
transmissible gastroenteritis virus vaccination 249, 250.
UK, pseudorabies control 1992.
UK, pseudorabies control recommendations 1991.
USA, hog cholera control/eradication, review 1236.
weaning, rotavirus role-diarrhoea 1969.
Pili,
Asticcacaulis biprosthecum, phage φAcM_2 adsorption 4734.
Escherichia coli/Salmonella typhi, phages adsorption, determination, plasmids 83.
Pipistrellus kuhli,
Tunisia, West Nile virus/Uukuniemi virus/Bhanja virus seroepidemiology 1225.
Pisum sativum,
Canada, pea seed-borne mosaic virus infection incidence/eradication 6819.
pea seed-borne mosaic virus infection, symptoms/transmission 3920.
red clover mottle virus replication, polyacrylic acid/ribavirin effects on 7774.
seeds, pea seed-borne mosaic virus detection, methodology 1278.
strains, pea seed-borne mosaic virus infection/resistance 7470.
Tasmania, subterranean clover red leaf virus infection pathology 3919.
USA, New York, turnip mosaic virus aetiology, mosaic disease 1298.
Pituitary gland,
cytomegaly, infants, cytomegalovirus congenital infection association, case reports 375.
Placenta,
Macaca mulatta, Mason-Pfizer monkey virus proviruses sequence detection 7253.
Macaca mulatta/Papio, C-type virus/virus-like particles presence 7252.
man, C-type virus antigens detection 5856.
man, DNA polymerase (RNA-dependent) characterization, relationship-oncornavirus 2196.
Plant breeding,
cucumber mosaic virus resistance, Cucumis melo 2746.
Plant diseases,
USA, Indiana, review 558.
Plant extracts,
antiviral activity 4339.
Plant viruses,
helical, classification/nomenclature 5404.
Plants,
reovirus, properties/structure, review 2836.
rhabdovirus, cytopathogenesis/replication/structure, review 2830.
roots pathogens, viruses, book 8471.
Plaque assay,
Autographa californica cell culture, nuclear polyhedrosis virus 575.
baculovirus, Spodoptera frugiperda cell lines 6161.
canine distemper virus 6863.
influenza C virus, kidney cell culture, chickens 5435.
isolation-coxsackievirus A/coxsackievirus B/ECHOvirus/poliovirus/reovirus, wastewater, methodology 2760.
leukaemogenic/thermotropic C-type virus, mice 2083.
rotavirus (simian) 11 7521.
Semliki Forest virus, MOPC-21 cells 5515.
SV40 infectivity 2082.
viruses, detection-activated lymphocytes, mice 6862.
Plaque formation,
assays, rabies virus, methodology 5.
Plaques,
formation, cell culture, viruses, methodology 7523.
formation, cell line, mice, mouse hepatitis virus, DEAE-dextran effects on 5431.
formation, detection-influenza virus autointerference 2099.
formation, mutants, characterization, phage λ 3489.
formation, phages, triazines effects on 4194.
formation, Vero cells/lung fibroblasts-man, herpes simplex virus 2, urea effects on 6165.
formation, XC cells, assays-replication defective murine leukaemia virus 2761.
induction, murine leukaemia virus, murine sarcoma virus

IRL©1979

Plaques,(continued)
transformed nonproducer cells, mice, mouse hepatitis virus persistent infection 4367.
MDBK cells, comparison-bovine rhinotracheitis virus strains 6870.
morphology, cell lines, rabbits, differentiation-herpesvirus (equine) 1-vaccines strains/wild-type 5419.
neutralization, bluetongue virus, methodology 7860.
neutralization, rubella virus antibodies, methodology 7071.
properties, embryo cells, salmon, correlation-infectious pancreatic necrosis virus defective-interfering particles production 1336.
Plaques formation,
pH/temperature sensitivity, relationship-pathogenicity, rabbits, myxoma virus strains 6162.
Plasma,
collection, Ebola virus haemorrhagic fever, man 3519.
hepatitis B surface antigen positive, infectivity removal, methodology 7085.
interferon containing, induction/preparatory/use-treatment viruses infection 4979.
Plasma membranes,
interaction-influenza A virus, role proteolysis 4064.
permeability, leucocytes interferon effects on, man 2971.
Plasmids,
Clo DF13, genes, effects on male-specific phages efficiency of plating, Escherichia coli 5580.
Col factors, Escherichia coli carrying, amino acids/sugars transport, phage T5 nonpermissive infection effects on 5596.
Col factors, Escherichia coli carrying, macromolecular biosynthesis/membranes, phage T5 nonpermissive infection effects on 5597.
ColE1, DNA containing phage λimm21 hybrids, immunity/replication 7662.
ColE1, hybrids, phage λ int gene/xis gene gene expression 4857.
ColIb, Escherichia coli carrying, phage BF23 nonpermissive infection, mechanisms 7837.
containing phage λ cohesive-end site, cloning vectors 163.
containing phage λ genomes regulators regions, construction/isolation 6380.
containing phage λ promoters, cloning/gene expression 7796.
containing phage λ prophages integration DNA fragments, construction 830.
containing phage Mu DNA fragments, characterization/construction 4168.
containing phage Qβ DNA, phage Qβ formation, Escherichia coli 813.
determination-phages adsorption-pili, Escherichia coli/Salmonella typhi 83.
effects on phage P1/phage P22 transduction, Escherichia coli 2935.
effects on Salmonella typhi phage typing 4198.
F factors, DNA, packaging-phage λ 4845.
hybrids-transducing phage λ, use-Salmonella rh-1 gene characterization/isolation 4206.
hydrogen sulphide production/tetracycline antibiotic resistance, Escherichia coli, incompatibility-phage P1 prophages 5591.
NAH plasmid/TOL plasmid, effects on phage PR4 maintenance, Pseudomonas aeruginosa 6403.
phageλ carrying, cloning vectors 5549.
plasmid pBR322, cloning-hepatitis B virus DNA fragments, expression-Escherichia coli 6391.
plasmid pBR322, containing phage MS2 complementary DNA, characterization/construction 7663.
plasmid pBR322, containing phage MS2 complementary DNA, insertion sequence 1 identification 7664.
plasmid pBR322, polyoma virus DNA containing, construction/infectivity, fibroblasts, mice 7810.
plasmid PBR322/plasmid pKC, recombinants-phage λ, DNA-cloning 165.
plasmid pKM101, role-phage P22 mutagenesis/reactivation, radiation (u.v.), Salmonella typhimurium 1533.
plasmid pMG7, restriction-phages, Pseudomonas aeruginosa 7829.
plasmid pSC101, recombinants-phage f1, isolation/characterization 6377.
plasmid pSC101 x phage f1 hybrids, DNA insertion sequences characterization 6187.
properties, phage Rφ6P, Rhodopseudomonas sphaeroides 1561.
pSC101, hybrids-phage f1, DNA insertion sequences characterization 6187.
R factor RP4, cotransfer-phage Mu DNA, Agrobacterium tumefaciens/Escherichia coli 1557.
R factor RP4, insertion, phage Mu, transfer-Klebsiella pneumoniae/Rhizobium meliloti 7800.
R factor RP4 x phage Mu hybrids, transfer, Rhodopseudomonas sphaeroides 7049.
R factor RSF2124, hybrids-phage λ, integration, Escherichia coli 6379.
R factor R772, requirements-phage PR772 4646.
R factors, development, Staphylococcus aureus, role-phages 1543.
R factors, recombinant, derivation, use-phage p1/phage Mu-1 846.
R factors, restriction-modification-Shigella flexneri phages 838.
Rhizobium meliloti, role-phage sensitivity 839.
role-phage P1 lysogeny maintenance, Escherichia coli 5590.
vectors, use-cloning-poloyma virus DNA, Escherichia coli 4873.
Plasminogen,
activators, production, Rous sarcoma virus transformed embryo fibroblasts, chickens, phorbol myristate acetate effects on 5115.
levels, relationship-prognosis, hepatitis (acute)/hepatitis (chronic active), man 3727.
Plasminogen activator,
biosynthesis, induction, vitamin A/derivatives, embryo fibroblasts, chickens, avian sarcoma virus transformation effects on 3675.
expression, control, Rous sarcoma virus transformed embryo fibroblasts, chickens 1019.
induction, Rous sarcoma virus, mechanisms/role-transformation, embryo fibroblasts, chickens 2524.
levels, Rous sarcoma virus transformed fibroblasts, chickens, correlation-tumourigenicity, absence 1772.
release, SV40 transformed 3T3 cells, inhibition, interferon 2983.
synthesis, induction, avian sarcoma virus transformation-embryo fibroblasts, chickens 8082.
Plasmodium yoelii,
infection, effects on lactic dehydrogenase virus infection, mice 3317.
Plasmolysis,
affected Vigna sinensis leaves, tobacco necrosis virus induction-lesions 556.
Plastids,
development, Nicotiana clevelandii x Nicotiana glutinosa hybrids, Agrobacterium tumefaciens + tobacco tumour virus mixed infection effects n 2045.

Platelets,
aggregation, Rous sarcoma virus transformed cells, rats, in vitro 5114.
aggregation activity, extraction/characterization, SV40 transformed 3T3 cells 8051.
aggregation/survival, rabbits, Newcastle disease virus/influenza virus effects on 1267.
dengue virus isolation, dengue virus haemorrhagic fever/infection, man 3194.
ultrastructure, Macaca arctoides, C-type virus induced lymphoma 3669.
Plathypena scabra,
granulosis virus, assays/characterization 4040.
Platinum,
complex, interaction-phage λ DNA 7561.
Pleural effusion,
diseases, rabbits, possible viruses aetiology 525.
diseases, rabbits, role-viruses 3291.
Pleural fluid,
composition, dengue virus haemorrhagic fever, man 8231.
Ploceus cucullatus,
Nigeria, infectious bursitis seroepidemiology 511.
Plum pox virus,
detection, immunoelectron microscopy, comparison-enzyme-linked immunosorbent assay 5690.
detection/incidence, enzyme-linked immunosorbent assay, Prunus 2281.
Pneumocystis carinii,
mixed infection-cytomegalovirus, association-immunosuppression, man 5899.
pneumonia, association-cytomegalovirus infection, man, case reports 5900.
Pneumoenteritis,
sheep, adenovirus (ovine) vaccines efficacy 5008.
sheep, control, efficacy-adenovirus vaccination 5693.
Pneumonia,
adenovirus (human) 3/adenovirus (human) 7, diagnosis, immunofluorescence, children 1064.
adenovirus (human) 7, adults, case reports 5183.
association-parainfluenza virus, sheep 1207.
bacteria aetiology, association-influenza A outbreaks, man 6651.
calicivirus (feline), leucocytes (neutrophilic) response, mechanisms, cats 6518.
calicivirus (feline) induced, ultrastructure, cats 2003.
cattle, juveniles, adenovirus (bovine) 7 aetiology 4524.
Chlamydia trachomatis, role-viruses 8179.
complications-measles, malnutrition, children 1871.
concurrent-influenza A, clinical manifestations/pathology, man 5932.
herpes simplex virus, treatment, guanosine (acyclo), children, case reports 6018.
histopathology/symptoms, cattle, juveniles, parainfluenza virus 3 + respiratory syncytial virus mixed infection 4533.
measles virus, association-vaccination, children, case reports 5935.
measles virus, diagnois/pathogenesis/symptoms, man 5936.
mice, Sendai virus aetiology 1208.
outbreaks, cattle, bovine rhinotracheitis virus identification/isolation 4525.
parainfluenza virus 1, lung macrophages lysosomal enzymes, mice 6538.
Pneumocystis carinii, association-cytomegalovirus infection, man, case reports 5900.
sheep, parainfluenza virus 3 + Pasteurella haemolytica infection, aetiology 494.
Streptococcus, association-influenza B, man 6653.
varicella, man, case reports 7302.
varicella-zoster virus, association-Hodgkin's disease, case reports 2615.
varicella-zoster virus, during pregnancy, diagnosis/prognosis/treatment, case reports 5914.
varicella-zoster virus, man, case reports/review 7301.
viruses, diagnosis, neonates, man 8166.
viruses, diagnosis, radiology 2533.
viruses, epidemiology, children 8271.
viruses, treatment, children 6017.
Pneumonitis,
cytomegalovirus, treatment, hyperimmune plasma, man, case reports 6024.
Pneumopathy,
influenza, diagnosis/incidence/pathology, man 2588.
Poland,
bean yellow mosaic virus infection incidence, Lupinus luteus 1303.
hepatitis A outbreaks, epidemiology, man 2639.
pseudorabies virus seroepidemiology, pigs 7425.
Polioencephalomyelitis,
virus-like particles detection/transmission, mice 3857.
Poliomyelitis,
animal models, rodents 6768.
association-Parkinson's disease, man, absence 2571.
association-poliovirus vaccination, case reports 3582.
association-vaccination contacts, case reports 1107.
case reports 2572.
children, vital capacity during growth 1857.
clinical manifestations, children 390.
coxsackievirus A isolation, man, case reports 4425.
epidemics, epidemiology/prophylaxis, Kenya, comparison-Europe, review 2623.
epidemiology, children, India 426.
epidemiology, man, South Africa 7350.
eradication 1657.
incidence, man, developing countries, estimation methodology 8283.
man, case reports 3182.
man, case reports, Sweden 7307.
man, case reports, USA 5972.
man, diagnosis 1063.
outbreaks, man, Canada/Netherlands, association, seroepidemiology 3227.
outbreaks, relationship-histocompatibility antigens, children, Israel 5248.
subacute anterior, clinical manifestations/morphology, man 1106.
susceptibility, genetic analysis, man 5198, 5199.
transmission, travel, man 6667.
Poliomyelitis-like disease,
man, Bulgaria, enterovirus (human) 71 aetiology 1105.
Poliovirus,
adsorption, effects on membranes microviscosity, in vitro 3439.
aetiology, meningitis, children, Iran 5179.
amines, antiviral activity 290.
antibodies incidence, man, mental retardation, institutions 1141.
antibodies incidence/immune status, man, UK 1895.
antibodies levels, correlation-Clostridium tetani/Corynebacterium diphtheriae/Toxoplasma antibodies, man 5724.
antiviral activity, ammonium quaternary compounds/disinfectants 991.
antiviral activity, iodophor K30 5764.
antiviral activity, plants extracts 4339.

IRL©1979

Poliovirus,(continued)
assays/detection, Crassostrea virginica 1896.
Austria incidence, children 3581.
buoyancy, density gradients, caesium effects on 4036.
combined vaccines-Bordetella pertussis/Clostridium tetani/ Corynebacterium diphtheriae, mice 4295.
concentration, water, use-polyethylene glycol 6857.
contamination, wastewater 5249.
defective-interfering particles, RNA, deletion, mapping 4674.
detection, immunoelectrophoresis (counter) 2943.
detection, water, filters adsorption-elution 7520.
detection, water supplies 1894.
detection/isolation, milk, methodology 6858.
double-stranded RNA, strands specific attachment, reaction-avidin + biotin 4675.
elution, wastewater effluents, efficiency, beef extracts 3832.
encapsulation, liposomes/infection-non primates cells 6270.
encephalitis, association-hypogammaglobulinaemia, case reports 8226.
epidemiology/evolution, man, review 7349.
genomes linked proteins, comparison-encephalomyocarditis virus 1389.
heat inactivation, wastewater sludge 5283.
immune status, children, USA 6484.
immune status, man, German Dem. Rep. 8284.
inactivation, bromine/derivatives, water 2657.
inactivation, chlorine 7199.
inactivation, Wescodyne, efficacy 2461.
indicator organisms, water pollution 5970.
infected HEp-2 cells, enucleated effects on lysosomal enzymes/poliovirus replication 4050.
infection, effects on sodium transport, HeLa cells 7657.
infection, immunosuppression, man 6520.
infection, inhibition-initiation complex formation, HeLa cells 6288.
infection, laboratory animals, monkeys 8364.
intrauterine infection, diagnosis/incidence/treatment, man, review 3731.
isolation, sewage, cell culture methodology 5250.
isolation, wastewater, plaque assay methodology 2760.
membrane filtration, elution 4718.
photoinactivation, efficacy/methodology, wastewater 5284.
photoinactivation, methylene blue, sewage 1927.
polynucleotide uridylyltransferase, characterization/isolation, template identification 2892.
protein biosynthesis initiation, resistance, environmental effects, comparison-strains 756.
proteins, associated-replicative form/genomes, electron microscopy 2137.
recovery, water supplies/sewage, adsorption-filters, pH/salts effects on 3260.
replication, association-cytoskeleton, HeLa cells 4728.
RNA, cleavage, Escherichia coli ribonuclease III 4676.
RNA, electron microscopy/mapping 3995.
RNA, encapsulation-liposomes/infection-cells 6273.
RNA, nucleotide sequence complexity 7590.
RNA, transfection, liver cells, enhancement, protamines/ histones 2092.
RNA, translation, initiation products, characterization, cell-free system, HeLa cells 4125.
RNA, translation, reticulocyte lysate, rabbits 1488.
RNA associated proteins, purification/characterization 56.
RNA polymerase (RNA-dependent), characterization/ purification 7735.
RNA polymerase (RNA-dependent), regulation, in vivo 755.
RNA 5′-terminus, linkage-proteins, characterization/ cleavage 2123.
seroepidemiology, man, Czechoslovakia 1142.
seroepidemiology, man, Italy 5980.
seroepidemiology, man, Papua New Guinea 5252.
strains, differentiation, use-antisera 5602.
strains, incidence, vaccination effects on, man, Italy 3226.
temperature stability, modification, identification-detergents, wastewater sludge 5282.
transmission/contamination-food, man, review 424.
transmission risks, food, hospitals 5971.
vaccination, antibodies absence, association poliomyelitis, case reports 3582.
vaccination, antibody response, children 915.
vaccination, children, British Isles 2379.
vaccination, children, Ghana 238.
vaccination, children, review 7932.
vaccination, children, USA 4280.
vaccination, complications, convulsions, man 7935.
vaccination, complications, man 7937.
vaccination, effects on herpes simplex virus recurrent infection, man 7936.
vaccination, efficacy, children 6483.
vaccination, efficacy/recommendations, children, Brazil 3580.
vaccination, efficacy/recommendations, infants 7129.
vaccination, efficacy/recommendations, man, USA 1659.
vaccination, herpes simplex virus infection patients 3004.
vaccination, infants 3005.
vaccination, pregnancy, man 914.
vaccination, recommendations, adults 4986.
vaccination, recommendations, man 6485.
vaccination, recommendations, travel, man 220.
vaccination, recommendations, travellers 4287.
vaccination, recommendations/risks, man 1658.
vaccination, relationship-antibodies levels, children 3003.
vaccination recommendations, children, USA 224.
vaccination recommendations, man 3006.
vaccination/revaccination, antibody response, children 912.
vaccination status, children, India 223.
vaccines, efficacy, children 5669.
vaccines, recommendations, man 3008.
vaccines, recommendations, man, USA 3007.
vaccines, treatment-herpes simplex virus recurrent infection, man 8330.
vaccines derived strains/wild-type, differentiation 5670.
vaccines efficacy/vaccination recommendations, man 2378.
vaccines neurovirulence, Macaca irus/Macaca mulatta/ Cercopithecus aethiops, animal models, evaluation 913.
wastewater treatment effects on 4508.
water supplies pollution, public health aspects 5251.
Poliovirus 1,
antiviral activity, ammonium quaternary compounds 5063.
antiviral activity, cationic surfactants/cationogenic surfactants 999.
antiviral activity, Malus pumilus beverages 5064.
degradation, adsorption-inorganic surfaces 4719.
detection/persistence, sludges 8285.
heat inactivation/heat resistance 1422.
immune status, military personnel, USA 6680.
inactivation, ascorbic acid/sodium bisulphite 1734.
infection, immune response/pathology, rats 6093.
recovery, water, methodology 6859.
removal, wastewater, soil filtration 1926.
removal, water, sand filtration 6013.
replication, PS cells, following artificial adsorption 4063.
RNa, electron microscopy/mapping 3995.
RNA, ribonuclease digestion, 5′-terminus containing fragments, identification 632.
RNA, translation products, identification/initiation 6993.

Poliovirus 1,(continued)
RNA translation, initiation sites, comparison-strains 141.
structure, caesium binding 1421.
VPg protein, binding-RNA 651.
Poliovirus 2,
immune status, military personnel, USA 6680.
inactivation, potassium periodate 293.
infected HeLa-cells, viruses specific proteinase isolation 4126.
Poliovirus 3,
immune status, military personnel, USA 6680.
vaccines, neurovirulence, Macaca fascicularis 7130.
Pollution,
wastewater, viruses 3218.
Poloyma virus,
DNA, cloning, Escherichia coli, use-plasmids vectors 4873.
Poly (A),
containing, RNA biosynthesis, adenovirus (human) 2 740.
containing polyoma virus nuclear RNA, topography 4776.
containing RNA, characterization, herpes simplex virus 2 3994.
exogenous, processing, rhinovirus (human) 2 infected lung embryo cells, human 6408.
induction-interferon, antiviral activity evaluation, methodology 7905.
occurrence-tobacco etch virus RNA 4009.
sequences, vesicular stomatitis virus RNA 1377.
sequences detection, barley stripe mosaic virus RNA 2131
Poly (A) polymerase,
activation mechanisms, associated-reovirus virion 6335.
Poly (A,εA),
interaction-tobacco mosaic virus proteins 658.
Poly (A.U),
immunization + bovine serum albumin + Friend's adjuvant, effects on Friend leukaemia virus infection, mice 5706.
Poly (ADP-ribose),
biosynthesis, during hosts/viruses DNA biosynthesis, herpes simplex virus infection, BHK cells 6284.
Poly (C),
alkylated, effects on phage T7 DNA 614.
Poly (C.εC),
complex-ribonucleoproteins, energy transfer, tobacco mosaic virus 7607.
Poly (C,εC),
interaction-tobacco mosaic virus proteins 658.
Poly (G.C),
antiviral activity, Venezuelan equine encephalitis virus 3652.
induction-interferon containing plasma 4979.
Poly (I),
alkylated, effects on phage T7 DNA 614.
effects on adenovirus (humam) 2 DNA complex-Escherichia coli RNA polymerase 6986.
Poly (I.C),
antiviral activity, Venezuelan equine encephalitis virus 3652.
azido derivatives, induction-interferon 2341.
combination-DEAE-dextran, induction-interferon, chickens 4262.
complex-lysine, induction-interferon, dogs 7120.
complex-poly (lysine), induction-interferon, use-tumours immunotherapy, man 7918.

complex-poly-L-lysine, effects on Venezuelan equine encephalomyelitis virus infection, monkeys 8406.

derivatives, adjuvants, Venezuelan equine encephalitis virus vaccines, Macaca mulatta 6503.
effects on immune response (cell-mediated), varicella-zoster virus infection, leukaemia/lymphoma, man 5722.
effects on interferon treated cells 6466.
effects on interferon treated L929 cells 7902, 7903.
induced interferon, fibroblasts, man, body fluids effects on 6469.
induction-interferon, antiviral activity evaluation, methodology 7905.

induction-interferon, chickens, efficacy/applications 904.

induction-interferon, commercial production 7909.
induction-interferon, human fibroblasts, superinduction, mechanisms 3566.
induction-interferon, in vitro, review 2336.
induction-interferon, kinetics, mice 7116.
induction-interferon, L-929 cells 6465.
induction-interferon, mechanisms, review 2313.
induction-interferon, modification-poly-L-lysine/carboxymethylcellulose effects on 894.
induction-interferon, use-prophylaxis, dengue virus haemorrhagic fever/Japanese encephalitis, mice 5652.
interferon induction, treatment-herpes simplex virus infection, neonates, man, case reports 1168.
superinduction-interferon, fibroblasts, man, actinomycin/α-amanitin/camptothecin effects on 1621.
treatment, effects on Sindbis virus replication, Aedes aegypti cell culture 1429.
Poly (lysine),
complex-poly (I.C), induction-interferon, use-tumours immunotherapy, man 7918.
Poly (rI.rC),
induced interferon, characterizaton/heterogeneity 7104.
Poly (U,G),
agarose gels, separation-adenovirus/phage λ DNA 568.
Polyacrylic acid,
effects on red clover mottle virus replication, Pisum sativum 7774.
effects on tobacco mosaic virus resistance, Nicotiana tabacum 2033.
Polyamine oxidase,
activity, avian sarcoma virus B77 transformed kidney cells, rats 3677.
Polyamines,
deprivation, effects on cell cycle/chromosomes, SV40 transformed 3T3 cells 5784.
effects on herpes simplex virus 1 DNA biosynthesis, cell-free system 2187.
interaction-phage T7 DNA 30.
metabolism, Brassica chinensis, turnip yellow mosaic virus infection effects on 6814.
turnover, herpes simplex virus 1 infection, HeLa cells/L cells 2861.
Polyanions,
antiviral activity, Herpesvirus saimiri/herpes simplex virus 1/herpes simplex virus 2 8034.
reversal-inhibition, vesicular stomatitis virus RNA polymerase (RNA-dependent) 153.
Polyarteritis nodosa,
association-hepatitis B, case reports 2610.
Polyarthritis,
associated-ECHOvirus, man, case reports 5197.
association-hepatitis B virus infection, man, review 5222.
Polycations,
antiviral activity, Herpesvirus saimiri/herpes simplex virus 1/herpes simplex virus 2 8034.
Polyethylene glycol,
combination-heat treatments, inactivation-lettuce mosaic virus, heat treatments + polyethylene glycol 6824.

IRL©1979

Polyethylene glycol,(continued)
concentration-foot-and-mouth disease virus antigens, complement fixation 2256.
concentration-yellow fever virus 3951.
effects on phage l DNA transfection, Escherichia coli 7047.
induction-cell fusion, comparison-visna virus 6176.
induction-cell fusion, J-96 cells/J-41 cells, comparison-Sendai virus 593.
use-tick-borne encephalitis virus concentration/purification, methodology 6156.
use-viruses concentration, water 6857.
Polyhedra,
ultrastructure, mid-gut epithelium, Bombyx mori, Philosamia cynthia ricini/Lymantria fumida/Dendrolimus spectabilis cytoplasmic polyhedrosivirus 1270.
Polyhedrosis virus,
DNA structure, electron microscopy 6220.
Polykaryocytosis,
inhibition, assays-bovine leukaemia virus infection, cattle 573.
Poly-L-Lysine,
complex-poly (I.C.), effects on Venezuelan equine encephalomyelitis virus infection, monkeys 8406.
Polymethylene ,
N-substituted, induction-Friend erythroleukaemia cells , differentiation 5827.
Polymyositis,
man, coxsackievirus aggregates detection, muscle 1103.
Polyneuritis,
complications, cytomegalovirus infection, neonates, man, case reports 1086.
Polynucleotide adenylyltransferase,
activity, encephalomyocarditis virus infected L cells 692.
characterization, Pichinde virus 4824.
Polynucleotide 5′-Hydroxyl-kinase,
characterization/purification, phage T4 1324.
role-phage T4 gene expression 719.

Polynucleotide kinase,
inhibition, β,γ-imidoadenylyl, 5′-triphosphate 717.
phages, properties, review 6290.
Polynucleotide uridylyltransferase,
characterization, Pichinde virus 4824.
characterization/isolation, template identification, poliovirus 2892.
Polynucleotide3′-Phosphatase,
role-phage T4 gene expression 719.
Polynucleotides,
binding sites, interferon 7893.
effects on phage T4 DNA-binding protein structure 112.
induction-interferon, mechanisms, review 2311, 2358.
interaction-tobacco mosaic virus proteins, fluorescence 6374.
Polyoma virus,
adsorption, effects on membranes microviscosity, in vitro 3439.
antigen (tumour-associated)/tumours, review 5087.
antigen T, amino acid sequence/DNA nucleotide sequence coding, homology-SV40, comparative studies 6448.
antigen T, peptides characterization 4696.
antigen T, translation, in vitro 2179.
antigen T characterization/oncogenesis/physicochemical properties/replication, review 3985.
antigenic relationship/DNA comparison-K virus 196.
capsid protein mRNA characterization 729.
capsids + DNA assembly, particles characterization 7784.
capsids/virions, structure, X-ray diffraction 5478.
chromatin, DNA replication origin, endonuclease recognition/structure 4096.
deletion mutant, DNA sequence 4659.
detection/significance, urine, pregnancy, man 365.
dihydrofolate dehydrogenase mRNA abundance, control, methotrexate resistant 3T6 cells 4775.
DNA, biological activity, hamsters/mice 3982.
DNA, cloning, Escherichia coli, use-phage λ vectors 4874.
DNA, containing, phage λ/plasmid pBR322, construction/infectivity, fibroblasts, mice 7810.
DNA, detection-brain tissues, progressive multifocal leucoencephalopathy, man 3277.
DNA, nucleotide sequence 34.
DNA, organization, transformed cell lines, rats 4094.
DNA, replication origin, comparison-BK virus/SV40 6978.
DNA, restriction endonuclease AluI cleavage sites, mapping 3984.
DNA, sequence, homology-BK virus/SV40 6202.
DNA, transcription/translation-antigen T/capsid protein, Xenopus laevis oocytes 2879.
DNA biosynthesis, embryo cells, mice, inhibition, cytidine (5′-methyldeoxy)/uridine (5′-fluoro-2′-deoxy) 5526.
DNA biosynthesis, infected 3T6 cells nuclei 6314.
DNA endonuclease sites mutants, proteins characterization 6199.
DNA replication, cytosine arabinoside effects on 6315.
DNA replication, initiator RNA biosynthesis/distribution 731.
DNA replication, kinetics 7692.
DNA replication, kinetics, C3H2K cells 3454.
DNA transcription, calf thymus RNA polymerase, in vitro 730.
E-strand DNA, transcription during infection 2180.
genome, comparison-K virus 4658.
host range mutants, growth, nonpermissive cells/permissive cells, Moloney leukaemia virus infection effects on 7030.
induced tumours, growth, rats, mathematical models 3110.
induced tumours, immunoglobulins binding, role-histocompatibility antigen H-2, mice 4341.
infected cells, occurrence-late RNA 2878.
infected/transformed hamsters cells, antigen T characterization 4340.
infection, chymotrypsin effects on, embryo fibroblasts, mice 4737.
infection, fibroblasts, rats, transformation establishment, role-environmental effects 2462.
infection, susceptibility, teratocarcinoma tumour cells, mice 1331.
initiator RNA biosynthesis during nucleotides depletion 6316.
late mRNA, leaders sequence, amplification 4095.
late mRNA, 5′-terminus caps, structure 3983.
mice DNA containing, characterization/formation 2181.
mutants-DNA restriction endonuclease cleavage sites 817.
non-transforming mutant, genome DNA, nucleotide sequence 2118.
nontransforming mutants, antigen T induction, cell lines, mice 2284.
nuclear RNA, poly (A) containing, topography 4776.
nuclear RNA coding capsid protein, in vitro 732.
oncogenicity, rats, influenza A virus vaccination effects on 1003.
replication, permissive cells-tumour cells-mice, heterokaryons 1427.
RNA, nucleotide sequence, tandem repeats 616.
temperature-sensitive mutant, infected/transformed cells, antigen T characterization 4936.
temperature-sensitive mutant, replication, cells, mice 5569.
transformation, effects on phosphorylation/uridine transport, fibroblasts, mice 5798.

Polyoma virus,(continued)
transformation, susceptibility, relationship-cell cycle, cell culture, man 8147.
transformed BHK cells, cell adhesion-normal BHK cells 5779.
transformed cell lines, macrophages cytotoxicity, mice/rats 298.
transformed cells, growth, in vitro 5097.
transformed cells, membrane proteins labelling 299.
transformed cells, mice, glycosaminoglycans composition 8043.
transformed cells, susceptibility-Corynebacterium diphtheriae toxins, trypsin effects on 8071.
transformed embryo fibroblasts, man, polyoma virus characterization/production, comparison-parents strains 3109.
transformed fibroblasts, hamsters, cholesterol levels/metabolism 8041.
transformed 3T3 cells, membranes, fluorescence studies 6563.
transformed 3T3 cells, potassium transport, ouabain effects on 6558.
Polypeptides,
antigenic characteristics, influenza A virus haemagglutinin 1591.
biosynthesis, Newcastle disease virus, caffeine treated embryo cells, chickens 7014.
characterization, cowpox virus/Shope fibroma virus/vaccinia virus, in vitro 6332.
characterization, herpes simplex virus 1 isolated-ganglia, man 6910.
characterization, neonatal calf diarrhoea virus/rotavirus (bovine) 6931.
characterization, reovirus 3 double-stranded RNA coded 2138.
characterization, vaccinia virus virions 6930.
comparison, electrophoresis, adenovirus serotypes 3404.
composition, hepatitis B surface antigen, lipids removal effects on 203.
early, adenovirus (human) 2, identification/mapping, precipitation, antisera-adenovirus (human) 2 transformed cells, rats 6322.
ECHOvirus 7 procapsids, temperature effects on 3405.
mammary tumour virus, localization, tumour cells surface, mice 5836.
measles virus/subacute sclerosing panencephalitis virus strains, comparison 4706.
membranes, biosynthesis, Sindbis virus, in vitro 6339.
molecular weight, use-adenovirus (human) classification 6142.
physicochemical properties/post-translation modification, respiratory syncytial virus, BS-C-1 cells 5473.
precursors, characterization, Sindbis virus infected cells 5533.
precursors, phosphorylation, mammary tumour virus 5539.
structure, influenza A virus haemagglutinin 3410.
Venezuelan equine encephalitis virus strains 5468.
Polyphenoloxidase,
activity, sunblotch disease, Persea americana 2035.
activity, Trifolium pratense, relationship-bean yellow mosaic virus infection susceptibility/symptoms 8441.
Polyproteins,
gag gene precursors, modification following translation, Rauscher leukaemia virus 5538.
identification, uninfected embryo fibroblasts, chickens, oncornavirus (avian) 1763.
Polyradiculitis,
association-varicella, case reports 2565.
Polyribosomes,
formation, influenza A virus infected cell culture, ribavirin effects on 2906.
membrane-bound, localization-Sindbis virus envelopes proteins biosynthesis 7740.
Porphyria cutanea tarda,
association-hepatitis B antigen, man, case reports 8257.
Portugal,
bluetongue virus epidemiology/transmission 509.
Dhori virus isolation, Hyalomma marginatum 3947.
Potassium,
concentration, effects on protein biosynthesis, Sindbis virus infected cells, chickens 7739.
high levels, induction-Friend erythroleukaemia cells differentiation 7238.
ions, intracellular, relationship-cell density/growth, SV40 transformed 3T3 cells 5788.
release, human erythrocytes, Sendai virus effects on 206.
transport, polyoma virus/SV40 transformed 3T3 cells, ouabain effects on 6558.
Potassium periodate,
enterovirus inactivation 293.
Potassium pyroantimonate,
precipitates, distribution, tobacco mosaic virus infection effects on, Nicotiana glutinosa 7480.
Potato aucuba mosaic virus,
host range/diagnosis, plants 8439.
Potato black ringspot virus,
host range/physicochemical properties 6152.
relationship-eucharis mottle virus/tobacco ringspot virus strains 6151.
Potato leaf roll virus,
infection, diagnosis, methodology 2742.
infection, Solanum tuberosum, effects on yield 8444.
infection, Solanum tuberosum meristems, ultrastructure 1292.
purification, Physalis floridana tissues, methodology 7515.
transmission, Myzus persicae 1306.
transmission, Myzus persicae, absence-replication 5358.
transmission, Myzus persicae, Physalis pubescens 6137.

RNA, characterization/isolation 6924.
Potato mop-top virus,
transmission, fungi 8458.
Potato spindle tuber viroid,
biological properties/RNA characterization/transmission 7645.
circular RNA, phosphodiesters cleavage 6247.
complementary DNA, biosynthesis/characterization, in vitro 787.
complementary DNA, nucleotide sequence homology, in vitro 786.
cross-protection-chrysanthemum chlorotic mottle viroid/chrysanthemum stunt virus/citrus exocortis viroid, Chrysanthemum/Lycopersicon esculetum 2039.
detection, assays/electrophoresis, comparison, Solanum tuberosum 5360.
RNA, c.d./interaction-ethidium bromide 5457.
RNA, characterization 4688.
RNA, conformation, melting analysis 6923.
RNA structure 2791.
Potato virus A,
detection, enzyme-linked immunosorbent assay, Solanum tuberosum 4931.
Potato virus L,
infection, effects on nitrogen compounds/carbohydrates, Solanum tuberosum 3923.

IRL©1979

Potato virus M,
disease resistance, Solanum gourlayi/Solanum spegazzinii 2032.
host range/diagnosis, plants 8438.
infected Solanum tuberosum, cytoplasmic inclusions, microscopy (light) 3350.
isolates, infection, susceptibility/symptoms, indicator plants/Solanum tuberosum 4578.
Potato virus S,
detection, latex agglutination, Solanum tuberosum 3537.
host range/diagnosis, plants 8438.
infection, effects on nitrogen compounds/carbohydrates, Solanum tuberosum 3923.
infection, Solanum tuberosum, effects on yield 3921.
isolates, infection, susceptibility/symptoms, indicator plants/Solanum tuberosum 4578.
Potato virus X,
antiviral activity, triazine (dioxohexahydro), in vitro/in vivo 8038.
cytopathogenesis-hosts/properties/structure, review 2838.
detection, agglutination/immunodiffusion/precipitin test, Solanum tuberosum, methodology 7878.
detection, latex agglutination, Solanum tuberosum 3537.
detection, weeds, Solanum crops 2026.
host range/diagnosis, plants 8439.
infected Datura stramonium, peroxidase isolation/purification 3922.
infected Solanum tuberosum, cytoplasmic inclusions, microscopy (light) 3350.
infection, effects on nitrogen compounds/carbohydrates, Solanum tuberosum 3923.
infection, effects on peroxidases isoenzymes/physicochemical properties, Nicotiana 5376.
infection, role-tomato streak, Lycopersicon esculentum 555.
infection, Solanum tuberosum, effects on yield 3921.
infection, Solanum tuberosum, physiology changes, impedance studies 2043.
infection, ultrastructure, Datura stramonium 8450.
inhibition, Rumex hastatus extracts 3106.
replication, Nicotiana tabacum, thiourea derivatives antiviral activity 5080.
transmission, fungi 8458.
transmission, Synchytrium endobioticum, infected Solanum tuberosum 2754.
ultrastructure studies, fixation, methodology 6159.
Potato virus Y,
cryopreservation, methodology 6158.
detection, enzyme-linked immunosorbent assay, Solanum tuberosum 4931.
detection, Solanum tuberosum, enzyme-linked immunosorbent assay 871.
inclusions/morphogenesis/structure/transmission, review 2839.
infected Solanum tuberosum, cytoplasmic inclusions, microscopy (light) 3350.
infection, effects on nitrogen compounds/carbohydrates, Solanum tuberosum 3923.
infection, incidence/transmission, Myzus persicae, Nicotiana tabacum/Solanum tuberosum, Netherlands 6820.
infection, symptoms/effects on yield, Nicotiana tabacum 5377.
transmission, inhibition-oils, viscosity effects on, Capsicum anuum 6823.
Potato yellow dwarf virus,
neutralization assays, vectors cell culture 1579.
Potentiometry,
detection-hepatitis B surface antigen 2953.
Poultry,
Amsacta albistriga nuclear polyhedrosis virus infection susceptibility 8415.
Belgium, influenza virus isolation 7431.
British Isles, Newcastle disease outbreaks 522.
infectious bursitis epidemiology/pathogenesis 2704.
Newcastle disease virus infection immune response/vaccination 252.
Thailand, duck plague outbreaks 6059.
Powassan virus,
infection, pathology, brain ultrastructure, mice 7448.
Poxvirus,
differentiation-strains, DNA restriction endonuclease fragments, electrophoresis 627.
DNA, base composition 6235.
growth/haemagglutination, cell culture, kidney 5423.
infection, animals/efficacy, vaccinia virus, AMP arabinoside 992.
infection, laboratory animals, monkeys 8364.
infection, pigeons, South Africa 4529.
infection, skin, Macropus giganteus 8351.
infection, symptoms/transmission, goats, India 3864.
infection, treatment, methisazone, man 5062.
infection, Uria aalge 2684.
infection outbreaks/characterization, rats 503.
interferon effects on, review 2330.
review 5403.
strains, induction-early antigen, infected cells 7727.
turkeys, vaccines development 3606.
Poxvirus (avian),
infection, diagnosis/transmission/treatment, birds 3293.
Prealbumin,
levels, relationship-prognosis, hepatitis (acute), man 1117.
Precipitation,
diagnosis-adenovirus (equine) infection, horses 7854.
Precipitin test,
detection-infectious bursitis virus antibodies, comparison-neutralization, chickens 4911.
diagnosis-herpesvirus infection, man 6607.
Precursors,
coat protein, biosynthesis, phage M13 6303.
Prednisolone,
combination-azathioprine, treatment-hepatitis B surface antigen negative/positive hepatitis (chronic active), man 7389.
effects on herpes simplex virus 1 replication, HEp-2 cells 133.
treatment-hepatitis B, man 3846.
Prednisone,
combination-azathioprine, treatment-skin infection, kidney transplantation, man 1051.
Pregnancy,
association-atypical herpes genitalis, case reports 4415.
association-hepatitis A virus jaundice, man 411.
cytomegalovirus epidemiology, man 3785.
future, herpes simplex virus encephalitis, infants, man, effects on 372.
hepatitis B, clinical manifestations/effects on foetuses, man, case reports 4451.
herpes genitalis, prevention-neonates infection, man 3830.
horses, herpesvirus (equine) 1 vaccines efficacy/failure 7954.
man, BK virus persistent infection, reactivation/absence-transmission (transplacental) 7341.
man, British Isles, rubella incidence/vaccination recommendations 2627.
man, hepatitis B surface antigen positive hepatitis (fulminant), management 7390.
man, herpes simplex virus/rubella virus antibodies incidence 1137.

Pregnancy,(continued)
man, herpes simplex virus 2 disseminated infection pathology 8202.
man, India, hepatitis B surface antigen, incidence 4503.
man, poliovirus/yellow fever virus vaccination 914.
man, polyoma virus/virus-like particles detection/significance, urine 365.
man, respiratory tract complications-varicella 8218.
man, rubella prophylaxis recommendations 228.
man, rubella virus antibodies screening, recommendations 433.
man, rubella virus screening/vaccination 1664.
man, varicella pathology, case reports 3176.
maternal herpes zoster during, effects on foetuses, man 6636.
maternal viruses infections, role-infants mortality 6615.
risks, foetus, man, rubella virus infection 395.
rubella virus vaccination, recommendations/safety, man 1663.
urinary tract diseases, role-viruses, man 5885.
varicella-zoster virus infection, association-microencephaly, neonates 1096.
varicella-zoster virus infection, prognosis, man 1097.
varicella-zoster virus pneumonia during, diagnosis/prognosis/treatment, case reports 5914.
Preheads,
assembly, phage λ 7782.
assembly, phage T4, role-gene 40 1519.
phage T3, activity/role-assembly 4153.
structure, phage P22 gene 8 mutants 3485.
Preleukaemia,
human, feline leukaemia virus infected cats, animal models 6584.
mice, Gross leukaemia virus induced alterations, thymus 5830.
Prepuce,
washings, cattle, bovine rhinotracheitis virus/ECBOvirus/parainfluenza virus 3 isolation 2699.
Pretazettine hydrochloride,
antiviral activity, Rauscher leukaemia virus infected cells, mice 995.
Primates,
endogenous C-type virus, review 8134.
exogenous C-type virus, characterization 8133.
Primula obconica,
tomato ringspot virus infection 8440.
Pristane,
induction-plasmacytoma, mice, endogenous oncornavirus activation 1028.
Procapsids,
ECHOvirus 7, antigenicity/polypeptides, temperature effects on 3405.
foot-and-mouth disease virus, role-virions morphogenesis 6368.
Procollagen,
mRNA, biosynthesis, decrease, Rous sarcoma virus infected embryo fibroblasts, chickens 7224.
Procyon lotor,
Lymantria dispar nuclear polyhedrosis virus aerial applications effects on 3329.
Proflavine,
+ light, induction-SV40, transformed cells, hamsters 5787.
effects on adenovirus RNA stability 619.
induction-free radicals, DNA conformation effects on, phage φX174 6895.
photoinactivation-phage 0X174 DNA 2779.
Progesterone,
effects on herpes simplex virus 1 replication, HEp-2 cells 133.
enhancement-herpes simplex virus 2 vagina infection, mice 528.
Progressive multifocal leukoencephalopathy,
brain tissues, polyoma virus DNA detection, man 3277.
concurrent Cryptococcus infection, central nervous system, man, case reports 4517.
epidemiology/transmission/control, man, review 4515.
JC virus aetiology, case reports 5888.
Progressive pneumonia,
diagnosis/pathology, sheep 4531.
seroepidemiology, sheep, USA, Idaho 4539.
Promoters,
competition, phage SPO1 DNA-binding protein effects on 4081.
early, nucleotide sequence, phage T7 5525.
localization, phage M13 DNA transcription 1456.
mapping, phage T5 genome, electron microscopy 2113.
mutants, characterization, phage λ 5553.
nucleotide sequence, phage T7 RNA polymerase 5449.
phage λ, Escherichia coli RNA polymerase binding 2867.
radiation (u.v.) mapping, phage φX174/phage S13 706.
regions, nucleotide sequence, phage T7 DNA 2115.
sites, mapping, phage T7 DNA 2116.
Propane sultone,
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Propane-1,3-diamine,
effects on ornithine decarboxylase activity, SV40 transformed 3T3 cells 5782.
Propanone,
derivatives, antiviral activity 4334.

Prophages,
complementation, assays-Bacillus subtilis fusion 7846.
induction, phage λ, radiation (u.v.) + 8-methoxypsoralen, Escherichia coli 1555.
like refractile bodies, characterization, Pseudomonas like hydrogen bacteria 7626.
phage λ, induction, Escherichia coli, furocoumarin photosensitization 5586.
phage λ, induction, Escherichia coli rec gene mutants effects on 2932.
phage λ, recombinants characterization 5584.
phage λ, replication, Escherichia coli DNA biosynthesis temperature-sensitive mutant 702.
phage λ/phage Mu, DNA replication termini, mapping, Escherichia coli 6297.
phage φC31, mutants, induction, nitrosoguanidine 5562.
phage Mu, stimulation-Escherichia coli chromosomes deletions 843.
phage P1, incompatibility-hydrogen sulphide production/tetracycline antibiotic resistance plasmids, Escherichia coli 5591.
properties, phage Rφ6P, Rhodopseudomonas sphaeroides 1561.

β-Propiolactone,
pretreatment, cells, man, in vitro, effects on SV40 transformation 2464.
Propylamine,
antiviral activity, poliovirus 290.
Prostaglandin E,
analogues, effects on Friend erythroleukaemia cells replication, mice 7242.

IRL©1979

Prostaglandin E,(continued)
effects on Friend erythroleukaemia cells growth/differentiation 8108.
Prostaglandins,
effects on antibody-dependent cell-mediated cytotoxicity, herpes simplex virus infected cells, man 7169.
enhancement-herpes simplex virus spread, Vero cells 6.
membranes receptors, cell lines derived from central nervous system, rabies virus persistent infection effects on 4623.
Prostate,
man, DNA polymerase (RNA-dependent) activity/oncornavirus role-tumours 6605.
Prostitution,
relationship-condyloma acuminatum/herpes genitalis/molluscum contagiosum incidence, man, India 5237.
Protamine sulphate,
effects on dengue virus 1 haemagglutinin/complement fixation activity 963.
use-tick-borne encephalitis virus concentration/purification, methodology 6156.
Protamines,
enhancement-poliovirus RNA transfection, liver cells 2092.
Protein (coat),
binding-alfalfa mosaic virus RNA 3′-terminus 784.
Protein biosynthesis,
adenovirus (human) 2 structural protein, absence-DNA replication 1476.
alfalfa mosaic virus, mRNA-dependent reticulocyte lysate cell-free system 7015.
avian sarcoma virus gag gene/pol gene products 2898.
BHK21 cells, fowl plague virus infection effects on 91.
bluetongue virus, infected BHK cells/L cells 4801.
brain/intestine, Apis mellifera, bee paralysis virus infection effects on 7460.
brome mosaic virus 4838.
calicivirus, Vero cells 142.
control, influenza A virus infected embryo cells, chickens 6362.
coronavirus (murine)/mouse hepatitis virus, in vitro 7009.
cowpea mosaic virus, reticulocyte lysate 7776.
cowpox virus/Shope fibroma virus/vaccinia virus, in vitro 6332.
cytomegalovirus, embryo fibroblasts, mice 3462.
ECHOvirus 12, in vitro 4799.
encephalomyocarditis virus, effects on membranes permeability, 3T6 cells 2863.
enzymes, phage T4, review 113.
gag gene, avian erythroblastosis virus transformed nonproducer cells, chickens 3466.
gag gene, Gross leukaemia virus leukaemia 1789.
hosts, inhibition, herpes simplex virus, genes control 3441.
hosts cells, stimulation, Rous sarcoma virus transformation/Simian virus 5/Sendai virus infection, mechanisms 2865.
hosts/viruses, Bunyamwera virus infected Vero cells 7742.
induction, interferon, fibroblasts, man 4972.
induction requirements, phage λ repressors inactivation, Escherichia coli 842.
influenza A virus, embryo cells, chickens, actinomycin D effects on 3474.
influenza A virus, embryo fibroblasts, chickens, rimantadine effects on 5543.
influenza A virus, florenal effects on 1736.
inhibition, oligonucleotides, interferon treated L cells 4973.
initiation, resistance, environmental effects, comparison-poliovirus strains 756.
measles virus, in vitro/in vivo 4146.
measles virus, persistent infection, embryo fibroblasts, hamsters 4835.
Moloney leukaemia virus, embryo cells, mice 2207.
MOPC-21 cells, Semliki Forest virus infection effects on 5515.
phage λ, Escherichia coli minicells, use-early proteins identification 1453.
phage λ x phage T4 recombinants 4163.
phage MS2, Escherichia coli, initiation complex assembly, role-ribosomal proteins 4076.
phage MS2 tRNA, misreading 98.
phage M13, Escherichia coli minicells 2872.
phage PM2, cell-free system 2174.
phage SPP1 infected Bacillus subtilis minicells 6971.
phage T4 temperature-ansitive mutant-initiation codons 4770.
potassium/sodium concentration effects on, Sindbis virus infected cells, chickens 7739.
products analysis, spleen focus-forming virus, kidney cells, rats 151.
requirements, herpes simplex virus radiation (u.v.) reactivation, kidney cells, monkeys 7032.
rotavirus, in vitro 7736.
Rous sarcoma virus, transformed cells 148.
Rous sarcoma virus sarc gene proteins 2901.
shut-off, cells, hamsters, relationship-host range restriction, vaccinia virus infection 2167.
Sindbis virus capsid protein, cell-free system 2193.
Tacaribe virus, BHK-21 cells 4825.
tobacco mosaic virus, Acetabularia 4840.
use-classification, phage T7 like phages 6846.
vaccinia virus, in vitro 2890.
Vero cells, suppression, herpes simplex virus 90.
vesicular stomatitis virus, BHK cells, inhibition, frog virus 3 6356.
vesicular stomatitis virus, cells, man/monkeys, interferon effects on 3563.
viruses, interferon effects on 2328.
Protein-energy malnutrition,
association-viruses infection, children, Guatemala 7365.
effects on viruses infection/vaccination, children 5959.
role-measles pathogenesis, children 8242.
Protein kinase,
activity, association-transformation proteins, adenovirus (human) 5 5531.
activity, avian sarcoma virus src gene products 4130.
activity, normal/SV40 transformed WI-38 cells 7212.
activity, relationship-SV40 antigen T proteins 4239.
activity, SV40 antigen T 7693.
associated-chromatin/ribosomes, SV40 transformed cells, rats 2466.
characterization, associated-murine leukaemia-sarcoma virus virions 6238, 7617.
characterization, avian sarcoma virus src gene products 4131.
characterization/isolation, avian myeloblastosis virus 4808.
characterization/purification, Rous sarcoma virus 4810.
role-proteins phosphorylation, membranes, SV40 transformed cells 2465.

Proteinases,
activation-Sendai virus infectivity, permissive cells/nonpermissive cells 1346.
adenovirus (human) 2 associated, biological properties/specificity 7708.
biochemical properties, avian myeloblastosis virus associated 58.
viruses specific, isolation, poliovirus 2/rhinovirus infected HeLa-cells 4126.

Proteins,
A protein, structure, use-mRNA analysis, phage MS2 646.
actin identification, rabies virus 1397.
amino acid sequence, N-terminus, Rous sarcoma virus 4018.
anti-restriction proteins, phage T3/phage T7, Escherichia coli restriction modification inhibition 6266.
antigen T, relationship-adenosinetriphosphatase/protein kinase activity, SV40 4239.
antigenic characteristics/electrophoresis/isoelectric focusing, phage λ/phage φ80/phage 434 6927.
antigenic determinants/isolation, herpes simplex virus nucleocapsids 2794.
arginine rich, localization-phenanthrenequinone staining, cytomegalovirus infected WI-38 cells 7533.
assembly/characterization/purification, phage T4 tails 4012.
associated-cowpea mosaic virus RNA, characterization 4707.
associated-replicative form/genomes, electron microscopy, poliovirus 2137.
associated-5′-terminus, phage φ9 DNA 1383.
association, murine leukaemia virus envelopes 3407.
association-DNA, adenovirus (human) 5, infected HeLa cells 4113.
avian sarcoma virus src gene, activity/characterization/biosynthesis in vitro 1391.
ban gene, phage P1, association-Escherichia coli dnaB gene proteins 710.
binding adenovirus (human) 2 DNA 5′-terminus, early infection 6984.
binding-adenovirus (human) 2/phage T7/SV40 DNA, mapping, electron microscopy 613.
biosynthesis, Sindbis virus envelopes, localization, membrane-bound polyribosomes 7740.
bound-herpes simplex virus DNA, occurrence 7610.
bound herpes simplex virus 1 DNA, mapping, electron microscopy 7611.
bound-reovirus poly (A) containing RNA, identification 7613.
capsid protein, cleavage during morphogenesis, phage T4 2911.
capsid protein, deficient phage Qβ, derived from Escherichia coli temperature-sensitive mutant 4761.
capsid protein, electron microscopy, phage T4 4011.
capsid protein, polyoma virus nuclear RNA coding, in vitro 732.
capsid protein, protein biosynthesis/cleavage, cell-free system, Sindbis virus 2193.
capsid protein, proteolysis, phage T4 polyheads 648.
capsid protein, structure/amino acid composition, Inaflacherie virus 1404.
capsid protein, transcription, polyoma virus/SV40 DNA, Xenopus laevis oocytes 2879.
capsid protein precursors identification, calicivirus, Vero cells 142.
capsid protein mRNA characterization, polyoma virus 729.
cell membranes, characterization, avian sarcoma virus B77 transformed cells, rats 4355.
cell surface, hamster sarcoma virus transformed fibroblasts, hamsters 5127.
characterization, brome mosaic virus 4838.
characterization, coronavirus (murine)/mouse hepatitis virus 7009.
characterization, ECHOvirus 12 4701.
characterization, influenza A virus 1399.
characterization, Mastomys natalensis papilloma virus 1418.
characterization, measles virus 4146.
characterization, measles virus persistent infection-cells, man 3412.
characterization, murine sarcoma virus pseudotypes 7248.
characterization, papilloma virus (human), warts, man 6507.
characterization, peptide mapping, nuclear polyhedrosis virus 2140.
characterization, Pseudaletia unipuncta granulosis virus 1405.
characterization, rabies virus 4704.
characterization, Rauscher leukaemia virus 2802.
characterization, Rhizobium associated defective phages 7627.
characterization, rotavirus 7736.
characterization, Rous sarcoma virus src gene 769.
characterization, spleen focus-forming virus 6937.
characterization, Tenebrio molitor iridescent virus 29, comparison-iridescent virus strains 2809.
characterization, varicella-zoster virus 4700.
characterization, vesicular exanthema virus RNA associated 652.
characterization/comparison, Autographa californica/Lymantria dispar nuclear polyhedrosis virus 6242.
characterization/isolation, Apanteles melanoscelus baculovirus 5354.
characterization/isolation, mammary tumour virus 2804.
characterization/isolation, paramyxovirus isolated-ducks 6944.
characterization/isolation/assembly, phage T4 baseplates 1464.
characterization/purification, citrus exocorts viroid infected Gynura aurantiaca 1407.
characterization/purification, herpesvirus (equine) 3 4016.
characterization/relationship-antigen T, SV40-adeno-hybrid virus 5461.
characterization/release, viruses transformed cells 6555.
charge heterogeneity, comparison-influenza virus/Sendai virus/vesicular stomatitis virus 1398.
coat protein, amino acid composition, relationship-infectivity, tobacco mosaic virus 7625.
coat protein, amino acid sequence, phage Xf 4695.
coat protein, amino acid sequence, phage PRR1 6232.
coat protein, cistrons, RNA, nucleotide sequence analysis, phage Qβ 1364.
coat protein, cistrons location/encapsidation, tobacco mosaic virus 5547.
coat protein, conformations, tobacco mosaic virus 6248.
coat protein, cucumber mosaic virus strains, role-transmission, Aphis gossypii 7484.
coat protein, distribution, liposomes, phage M-13 7783.
coat protein, effects on RNA 4 3′-terminus fragments, base pairs structure, alfalfa mosaic virus 4687.
coat protein, interaction-liposomes, phage M13 2134.
coat protein, interaction-RNA, alfalfa mosaic virus, transitions enthalpy 6371.
coat protein, interaction-solvents, n.m.r., phage M13 6230.
coat protein, phage f1, integration-Escherichia coli membranes fractions 4844.
coat protein, polymerization, electron microscopy, alfalfa mosaic virus 655.
coat protein, mRNA, nucleotide sequence, relationship-rRNA 3′-terminus, phage MS2 1454.
coat protein, RNA encapsulation, characterization, cowpea chlorotic mottle virus/tobacco mosaic virus 1522.
coat protein, mRNA nucleotide sequence, turnip yellow mosaic virus 788.
coat protein, mRNA structure, effects on biosynthesis rate, phage MS2 6299.
coat protein, subunits, effects on RNA/mRNA structure, alfalfa mosaic virus 641.
coat protein, subunits characterization, tobacco ringspot virus 4710.

IRL©1979

Proteins,(continued)
coat protein, tryptic peptides characterization, cowpea chlorotic mottle virus 6245.
coat protein/scaffolding protein, biosynthesis, regulation, phage P22 assembly 1460.
coat proteins, biosynthesis, phage Qβ, control mechanisms, Escherichia coli 5522.
collars/tails, assembly, phage φ29 4152.
comparion, influenza A virus strains 7092.
complex-DNA, adenovirus (human) 2 infected KB cells 3458.
complex-DNA, assays, adenovirus (human) 2 621.
complex-DNA 5′-terminus, assays, adenovirus 4782.
complex-RNA (heterogeneous nuclear), characterization, SV40 infected kidney cells 4104.
core protein, relationships DNA polymerase (RNA-dependent) polypeptides, avian myeloblastosis virus 145.
core protein, structure, correlation-Fv-1 locus tropism, mice, murine leukaemia virus 6237.
covalent bonding-encephalomyocarditis virus RNA 7612.
cross-linking-chemicals, morphogenesis studies, Semliki Forest virus 57.
cytoplasmic/nuclear polyribosomes, comparison, adenovirus (human) 2 infected HeLa cells 6987.
degradation, Escherichia coli, phage T4/phage T5/phage T7 infection effects on 4742.
disulphide linked, identification, herpes simplex virus 2 nucleocapsids 4699.
DNA binding properties, adenovirus (human) 2 cores 6928.
early, identification, use-phage λ protein biosynthesis, Escherichia coli minicells 1453.
early protein, induction, adenovirus (human) 12, KB cells/RK-13 cells, immunofluorescence 2287.
early proteins purification/characterization, adenovirus (human) 02 infected HeLa cells 126.
electrophoresis, comparison-cucumber green mottle mosaic virus/tobacco mosaic virus 4708.
electrophoresis, rotavirus (simian) 11 6932.
electrophoresis patterns, proteolysis effects on, phage λ 5458.
electrophoretic mobility, comparison-influenza A virus strains 1400.
electrostatic effects, tobacco mosaic virus 657.
env gene, mink cell focus-forming virus, cell surface expression, mice 7006.
envelope precursors, glycosylation, inhibition-tunicamycin, Rauscher leukemia virus, in vitro 6349.
envelopes, inhibition-vesicular stomatitis virus RNA polymerase (RNA-dependent) 7762.
envelopes, role-Sendai virus haemolysis activity 4039.
equine infectious anaemia virus, antisera production, rabbits 3516.
Escherichia coli groE gene products, characterization/purification/requirements-phages assembly 7017.
Escherichia coli groE gene products, characterization/phage λ/requirements-phage λ assembly 7018.
Escherichia coli rep gene, catalysis-phage φX174 DNA strand separation 101, 102.
feline leukaemia virus, effects on lymphocytes function, man 5733.
feline leukaemia virus, immunosuppression activity, cats 7998.
feline sarcoma virus, cleavage, Rous sarcoma virus gag gene proteins 4019.
fluorescence, cowpea chlorotic mottle virus 6244.
fragments, comparison, electrophoresis, vesicular stomatitis virus serotypes 6939.
G protein, oligosaccharides, intermediates characterization, vesicular stomatitis virus 668.
G protein, oligosaccharides, intermediates α-D-mannosidase activity, vesicular stomatitis virus 669.
G protein, oligosaccharides precursors, structure, vesicular stomatitis virus 667
G-protein/M-protein, localization, membranes, vesicular stomatitis virus 4721.
gag gene, biosynthesis/glycosylation, Moloney leukaemia virus, mechanisms 6346.
gag gene, characterization/processing, Gross leukaemia virus 6935.
gag gene, Rous sarcoma virus, cleavage feline sarcoma virus proteins 4019.
gag gene, tryptic peptides analysis, amphotropic/ecotropic/xenotropic C-type virus (murine) 4702.
gag gene/pol gene, amino acid sequence, avian sarcoma virus B77 1392.
gag gene/pol gene, tryptic peptides analysis, Rauscher leukaemia virus 7618.
galactoprotein, antibodies, inhibition-transformation, murine sarcoma virus infected 3T3 cells, mice 5150.
gene A, characterization/purification, phage φX174 6968.
gene 32/gene 43/gene 44/gene 62, role-DNA replication, phage T4 7676.
gene 41/gene 44/gene 45/gene 62, assays/purification, phage T4 7510.
gene 44/62/gene 45, stimulation-phage T4 DNA polymerase 107.
gene 5 protein, interaction-oligonucleotides, phage M13 2133.
gene 5 protein, radiation (u.v.) cross-linking DNA, phage fd 6291.
genomes linked, comparison-poliovirus/encephalomyocarditis virus 1389.
H, protein, characterization, tobacco mosaic virus 1408.
hosts, content, Sindbis virus mutants 1538.
identification, avian sarcoma virus src gene 1497.
inclusion body protein, amino acid seqence, nuclear polyhedrosis virus 64.
induction, interferon treatment, embryo cells, chickens 5641.
infected/cross-reactivity-antigen T, SV 40 infected/transformed cells 4611.
interaction-DNA polymerase (RNA-dependent), Rauscher leukaemia virus 773.
interaction-poly (A,εA)/poly (C,εC), tobacco mosaic virus 658.
interaction-RNA, tobacco mosaic virus, fluorescence, spin labelling 3414.
interaction-RNA, tomato bushy stunt birus 677.
intracellular localization, SV40 temperature-sensitive mutant infected cells 7698.
isoelectric focusing, A-type virus/D-type virus 2799.
isolation, avian myeloblastosis virus 6157.
isolation, feline sarcoma virus strains, in vitro 3686.
L protein/NS protein rebinding, vesicular stomatitis virus 152.
levels, brain, chickens, Marek's disease effects on 5306.
levels, serum, hepatitis (acute), children 7334.
levels, serum, infectious mononucleosis, man 7985.
levels, serum, Marek's disease resistant/susceptible chickens 1965.
linkage-oligosaccharides, characterization, influenza A virus glycoproteins 7623.
linkage-RNA 5′-terminus, characterization/cleavage, poliovirus 2123.
localization/solubilization, respiratory syncytial virus 6941.
Lycopersicon, tomato leaf curl virus infection effects on, relationship-resistance 5381.
M protein, antibodies, absence, subacute sclerosing panencephalitis, man, measles virus/subacute sclerosing

Proteins,(continued)
panencephalitis virus 5743.
M protein, genes, identification-amantadine resistance genes, influenza A virus 1542.
M protein, role-assembly, Sendai virus temperature-sensitive mutant, kidney cells, hamsters 4853.
Mason-Pfizer monkey virus, comparison-oncornavirus (simian)-langur monkeys/squirrel monkeys 1395.
matrix protein, antibodies, formation, influenza A virus infection, man 3093.
matrix protein, characterization, enzyme immunoassay, influenza A virus 2806.
matrix protein, isolation/preparation, methodology, influenza A virus 2077.
matrix protein, measurement, surface, influenza A virus infected mastocytoma cells 5630.
matrix protein, regulation-vesicular stomatitis virus RNA transcription 4826.
matrix protein, RNA N-terminus coding region, nucleotide sequence, influenza A virus 7601.
maturation, characterization, adenovirus (human) 2 4015.
measles virus infected Vero cells/virions, comparison 2807.
membrane protein receptors, Escherichia coli, phage TC45/phage TC23 1435.
membrane proteins, BHK-21 cells, hamster sarcoma virus transformation effects on 7233.
membrane proteins, cyanogen bromide peptides amino acid sequence, influenza A virus 7624.
membrane proteins, iodination, Newcastle disease virus/Sendai virus 2808.
membrane proteins, labelling, Rous sarcoma virus/polyoma virus transformed cells 299.
membrane proteins, localization, Newcastle disease virus 4028.
membrane proteins, purification/characterization, Rous sarcoma virus transformed embryo fibroblasts, chickens 5809.
membrane proteins, role-vesicular stomatitis virus DNA polymerase (RNA-dependent) genetic regulation 2904.
membranes, artificial, immobilization, hepatitis B surface antigen antibodies 1578.
membranes, biosynthesis/glycosylation, Semliki Forest virus 7738.
membranes, characterization, avian sarcoma virus transformed embryo fibroblasts, chickens 5805.
membranes, comparison-influenza A virus strains 5471.
membranes, Escherichia coli, phage PA-2 lysogeny effects on 4899.
membranes, trypsin/ethylenediaminetetraacetate/urea effects on, SV40 transformed fibroblasts, mice 5780.
metabolism, Aporia crataegi, nuclear polyhedrosis virus infection effects on 7465.
metabolism, cells, interferon effects on, in vitro 1629.
metabolism, gag gene, Gross leukaemia virus leukaemia 1789.
Moloney leukaemia virus, distribution, embryo cells, mice 2207.
murine leukaemia virus, antigenic characteristics/characterization 7616.
murine leukaemia virus gag gene, structure relationships 2801.
myelin, immunity (cell-mediated), multiple sclerosis, man 1183.
myelin basic protein, sensitization, multiple sclerosis, man 2672.
n.m.r., tobacco mosaic virus 4709.
nonstructural protein, characterization/role-replication, vesicular stomatitis virus 7010.
nonstructural protein, identification, in vitro/in vivo, tobacco mosaic virus 1410.
normal avian cells, characterization, related-avian sarcoma virus src gene products 5109.
nuclear polyhedrosis virus, comparison-Autographa californica/Pseudoplusia includens/Trichoplusia ni isolates 6942.
nucleocapsid protein, characterization/identification-RNA segments coding, La Crosse virus/snowshoe hare virus 6236.
packaging, murine sarcoma virus pseudotypes 2913.
papaya mosaic virus, encapsidation-heterologous RNA 4854.
papaya mosaic virus, interaction-cations 4027.
phosphorylation, chromatin/ribosomes, adenovirus (human) 12/murine sarcoma virus transformed cells, monkeys/rats/mice 1008.
phosphorylation, interferon treated/viruses infected L929 cells, double-stranded RNA effects on 2340.
polyhedral protein, characterization, nuclear polyhedrosis virus 3413.
polyhedral protein, tryptic peptides, amino acid sequence, nuclear polyhedrosis virus 49.
polyhedral protein, tryptic peptides isolation composition, nuclear polyhedrosis virus 65.
polymerization, kinetics, tobacco mosaic virus self-assembly 4160.
polymerization, mechanisms, tobacco mosaic virus self-assembly 4161.
polymerization, n.m.r., tobacco mosaic virus 66.
precipitation, antibodies, serum, rabbits/sheep, visna virus 3517.
precursors, characterization/purification, feline sarcoma virus 2800.
precursors, gag gene, cleavage, NIH/3T3 cells membranes, Rauscher leukaemia virus 158.
precursors polyproteins identification, viruses, murine leukaemia virus transformed mink cells 322.
preheads assembly, in vitro, phage T4 155.
preheads assembly, phage T4 791.
preparation, isoelectric focusing, avian myeloblastosis virus/Rous sarcoma virus 570.
processing, C-type virus/D-type virus gag gene mutants, replication defective 3498.
processing, oncornavirus, review 4804.
protein A, role-Staphylococcus aureus adherence-influenza virus infected kidney cells, rabbits 2100.
protein E, Escherichia coli, inactivation-phage K3/phage TC23/phage TC45 4202.
protein E, identification/characterization, phage φX174 52.
protein M, role-vesicular stomatitis virus budding 3487.
protein N, mRNA, 3′-terminus nucleotide sequence, vesicular stomatitis virus 1509.
protein P1, role-influenza A virus RNA biosynthesis initiation 3475.
protein p30, interaction-oncornavirus DNA polymerase (RNA-dependent) 2896.
protein p60^{src}, antigenicity/characterization, avian sarcoma virus transformed avian cells 1496.
purification, methodology, mammary tumour virus/Rauscher leukaemia virus 7513.
purification/characterization, poliovirus RNA associated 56.
purification/characterization/role-assembly, phage T4 gene 31 protein 54.
purification/characterization/role-tail fibres attachment, phage T4 gene 63 protein 647.
Rauscher leukaemia virus, binding-hosts cells DNA, specificity 7756.
read-through protein, biosynthesis, phage QB, cell-free

IRL©1979

Proteins,(continued)
system, magnesium effects on 7673.
regulators, calcium dependent, levels, relationship-adenylate cyclase activity, Rous sarcoma virus transformed cells 7226.
relationship-endogenous oncornavirus (simian) strains 6218.
release, outer membranes, phage T4 infected Escherichia coli 5594.
release, vaccinia virus infected BHK-21 cells 1447.
requirements, phage P22 DNA encapsidation 7021.
requirements/specificity, phage λ DNA replication 4071.
rex gene products, control/identification-electrophoresis, phage λ 51.
ribosomal proteins, phosphorylated, characterization/identification, vaccinia virus infected HeLa cells 4796.
RNA associated, tobacco ringspot virus 6943.
role-phage T4 receptors, Escherichia coli 2855.
secretory, biosynthesis, vesicular stomatitis virus 4830.
Semiliki Forest virus/Sendai virus, aggregation-Bacillus licheniformis penicillinase, protein micelles 2796.
Sendai virus, reconstitution-cell membranes, induction-viruses specific cytotoxic lymphocytes T 4325.
sequence, oncornavirus (avian) recombinants 4879.
serum, electrophoresis patterns, hepatitis effects on, man 4445.
serum, electrophoresis patterns, hepatitis B effects on, man 5944.
spectroscopy, pH effects, phage fd 7608.
src gene, polymorphism, avian sarcoma virus/Rous sarcoma virus strains 5470.
src gene products, localization, immunofluorescence, avian sarcoma virus transformed embryo cells 3674.
structural protein, amino acid sequence, SV40 4661.
structural protein, characterization, Autographa californica nuclear polyhedrosis virus, passage in vitro/in vivo 4025.
structural protein, characterization, chromatography, adenovirus 2793.
structural protein, characterization, coronavirus (murine) 2805.
structural protein, characterization, equine infectious anaemia virus 1393.
structural protein, characterization, mammary tumour virus 7621.
structural protein, characterization, mumps virus 1401.
structural protein, characterization, simian sarcoma virus 1 4703.
structural protein, characterization/preparation/purification, rabies virus 571.
structural protein, comparison-cowpox virus/Shope fibroma virus/vaccinia virus 1386.
structural protein, comparison-foot-and-mouth disease virus strains 2136.
structural protein, cross-linking, imido esters, Newcastle disease virus 1403.
structural protein, cyanogen bromide peptides characterization/isolation, foot-and-mouth disease virus 1387.
structural protein, enterovirus (porcine) strains 2135.
structural protein, expression. surface-hosts cells/virions, murine leukaemia virus 2487.
structural protein, interaction-membranes-glycoproteins, role-Rauscher leukaemia virus assembly 4849.
structural protein, peptides, comparison-vesicular stomatitis virus strains 7622.
structural protein, protein biosynthesis, absence-DNA replication, adenovirus (human) 2 1476.
structural protein, spatial distribution, mammary tumour virus virions 7619.
structural protein, tryptic peptide analysis, comparison-mammary tumour virus strains 60.
structural proteins, characterization, Machupo virus 653.
structure, lymphocytic choriomeningitis virus 61.
structure, X-ray crystallography, tomato bushy stunt virus 2132.
subunits, structure, tobacco mosaic virus 2811.
SV40 transformed fibroblasts, man, comparison-normal cells 1753.
N-terminus amino acid sequence, bovine leukaemia virus, homology-C-type virus structural protein 7615.
tobacco mosaic virus, interaction-yeasts RNA oligonucleotides 7024.
transformation, association-protein kinase activity, adenovirus (human) 5 5531.
transformation, identification, adenovirus (human) 12 4698.
transformation, phosphorylation sites, avian sarcoma virus 4017.
trypsinolysis, southern bean mosaic virus 1406.
tryptic peptides, comparison-vesicular stomatitis virus strains 63.
virions, expression-surface antigen, in vitro, vaccinia virus 2890.
viruses specific, characterization/isolation, dengue virus/Kunjin virus/Japanese encephalitis virus/Sindbis virus infected Aedes albopictuscell lines 6338.
VPg protein, binding-RNA, poliovirus 1 651.
Proteolysis,
effects on phage λ proteins electrophoresis patterns 5458.
role-influenza A virus plasma membranes-interaction 4064.
Proteus,
phages isolation/phage typing/lysogeny 1547.
Proteus mirabilis,
transduction, virus-like particles 7041.
Protoplasts,
Brassica rapa, turnip rosette virus infection, methodology 6888.
Hordeum vulgare, factors affecting brome mosaic virus RNA infection 1280.
Protozoa,
induction-interferon, review 2317.
Proviruses,
avian leucosis virus/avian sarcoma virus, DNA sequence, detection, cells, chickens 7218.
characterization, avian sarcoma virus transformed non-producer cells, quail 5804.
DNA, infectivity, Rous sarcoma virus transformed BHK-21 cells 4135.
DNA, loss, revertants, Kirsten sarcoma virus transformed fibroblasts, mice 8123.
DNA sequence, detection, gibbon ape leukemia virus infected tissues 5839.
DNA sequence, detection, mammary tumour virus, mammary gland tumours, mice 7247.
expression/integration, chick embryos fibroblasts, Rous sarcoma virus superinfection effects on 4811.
feline syncytium-forming virus, DNA biosynthesis/integration-hosts cells genome 1502.
Moloney leukaemia virus, DNA, integration/structure, BALB/Mo cells 5536.
Rous-associated virus 0, integration, embryo fibroblasts, chickens 2204.
sequence, detection, placenta Macaca mulatta, Mason-Pfizer monkey virus 7253.
Prune dwarf virus,
stabilization/morphology 2840.

Prunus,
plum pox virus detection/incidence, enzyme-linked immunosorbent assay 2281.
Prunus necrotic ringspot virus detection/serotyping, enzyme-linked immunosorbent assay 6445.
USA, Prunus stem pitting virus symptomatology/transmission/control 1293.
viruses, identification, methodology 7555.
Prunus armeniaca,
cherry mottle leaf aetiology/transmission 2038.
Prunus necrotic ringspot virus,
detection/serotyping, enzyme-linked immunosorbent assay, Humulus/Prunus 6445.
host range/properties/ultrastructure, review 2841.
identification/isolation, Amygdalus communis 8434.
Prunus persicae,
Sharka virus strains attenuation/isolation 6124.
Prunus stem pitting virus,
symptomatology/transmission/control, Prunus, USA 1293.
Psdeudomonas aeruginosa,
phages DNA transformation 4892.
Pseudaletia unipuncta,
granulosis virus + Neoaplectana carpocapsae infection 3907.
granulosis virus, proteins, characterization 1405.
granulosis virus strains, envelopes polypeptides/virions comparison 6241.
nuclear polyhedrosis virus strains interference, mixed infection 3908.
Pseudomonas,
like hydrogen bacteria, prophages like refractile bodies, characterization 7626.
phage φKZ, structure 1414.
Pseudomonas acidovorans,
amber mutant suppressors, phage PRD1 5589.
Pseudomonas aeruginosa,
gene mapping, use-phage F1083/phage F116L transduction 3505.
phage E79 receptors 2852.
phage L1/phage S2, isolation/physicochemical properties 4599.
phage PR4 maintenance, NAH plasmid/TOL plasmid effects on 6403.
phage typing 2921.
phage typing 3502.
phages, antigenic relationship/use-phage typing 6447.
phages characterization/isolation 4888.
phages restriction, mechanisms 7829.
radiation (u.v.), survival, phage C5 effects on 7838.
slimes glycolipoproteins, adsorption-phage 8, effects on pathogenicity 4060.
streptomycin resistance, transduction-phage F116, frequency, freshwater reservoirs 4200.
transfection, phage F116 7044.
Pseudomonas cepacia,
phage CP1, characterization 2816.
Pseudomonas facilis,
phage SH-133 temperature-sensitive mutant characterization/isolation 5565.
Pseudomonas phaseolicola,
phage φ6 infection, freeze-fracture studies 678.
phage φ6 RNA biosynthesis 708.
Pseudomonas putida,
phage gh-1 DNA transcription 6295.
Pseudomonas syringae,
phages isolation/characterization 182.
Pseudoplusia includens,
nuclear polyhedrosis virus isolates, proteins/virions 6942.
Pseudorabies,
clinical manifestations/epidemiology, cats/dogs 4526.
control, immunization + sanitation, pigs 3879.
control, pigs, German Dem. Rep. 2715.
control, pigs, UK 1992.
control, recommendations, pigs, UK 1991.
control/diagnosis/epidemiology/symptoms, pigs, review 6063.
control/prophylaxis, pigs, review 8388.
diagnosis, haemagglutination (passive) 7061.
diagnosis, hypersensitivity (delayed), pigs 5029.
diagnosis, neutralization tests 6412.
diagnosis, radioimmunoassay, comparison-immunodiffusion/neutralization, pigs 4214.
epidemiology, pigs, France 2701.
epidemiology/prophylaxis, pigs, British Isles 501.
epidemiology/prophylaxis/control, pigs, British Isles 502.
epizootiology/pathogenesis, pigs, Hungary 499.
eradication, pigs 3310.
incidence, sheep, Hungary 5297.
incubation, pigs, pseudorabies virus vaccination during 242.
Mustela putoris furo 6736.
outbreaks, association-uncooked meat, cats 2700.
outbreaks, cattle, France 6754.
outbreaks, clinical manifestations/diagnosis, pigs, juveniles, Germany, Fed. Rep. 3863.
outbreaks, clinical manifestations/vaccination, pigs 6062.
outbreaks, histopathology/symptoms, dogs 6051.
outbreaks, pigs, Germany, Fed. Rep. 1199.
prophylaxis/control, pigs, British Isles 524.
seroepidemiology/control, pigs, Hungary 500.
Pseudorabies virus,
antibodies, detection, immunoelectrophoresis (counter) 7858.
antibodies detection, neutralization, use-complement, pigs 850.
antigens, detection, leukaemia, man 5850.
antiviral activity, chlorhexidine diacetate, in vitro 993.
antiviral activity, pyrimidines derivatives 996.
combined vaccines-swine influenza virus, efficacy, pigs 2421.
defective interfering particles, DNA, structure during evolution 7586.
detection, immunofluorescence, bovine rhinotracheitis virus + pseudorabies virus preparation 7062.
DNA replication, concatemers, analysis 4794.
DNA structure, electron microscopy 6206.
enzyme-linked immunosorbent assay, diagnosis-pseudorabies, pigs 2254.
enzyme-linked immunoassay, embryo fibroblasts, chickens 1564.
immune response, immunized pigs 1701.
inactivation, acridine dyes/bromoethyleneimine/cobalt-60, effects on antigenic characteristics 5482.
infected cats, transmission-pigs 7426.
infection, cytopathology/replication, central nervous system cell culture, rats 7531.
infection, effects on maternal transfer antibodies, pigs 2724.
infection, isolation/immune response, pigs 951.
infection, transmission risks, embryos, pigs 6764.
infection/vaccination, effects on lymphocytes reactivity, pigs 7976.
nonfatal infection, cattle, case reports 1964.
repeated vaccination, antibody response following, pigs 5012.
sensitivity/reactivation, radiation (u.v.), in vitro 5572.
seroepidemiology, pigs, Poland 7425.
strains, physicochemical properties, differentiation-virulence 1419.

IRL©1979

Pseudorabies virus,(continued)
temperature-sensitive mutant, biological properties/isolation/use-vaccination, pigs 7956.
temperature-sensitive mutant, characterization/production 7033.
transmission-Rattus norvegicus 6753.
vaccination, pigs 7957.
vaccination during pseudorabies incubation, pigs 242.
vaccines, efficacy, pigs, German Dem. Rep. 1683.
viability, media (transport)/medical dressings composition effects on 3831.
Psophocarpus leaf-curl disease virus,
infection, incidence/symptoms, Psophocarpus tetragonolobus, Ivory Coast 7482.
Psophocarpus tetragonolobus,
Ivory Coast, Psophocarpus leaf-curl disease virus infection, incidence/symptoms 7482.
Psoralen,
derivatives, photoinactivation-Western equine encephalitis virus/herpes simplex virus 1 RNA/DNA 175.
Psoriasis,
treatment, interferon, man, clinical trials 7912.
Psychiatry,
patients, viruses antibodies incidence 2542.
Punarnavadi-kwath,
treatment-hepatitis, man, clinical trials 5290.
Punta Toro virus,
characterization/physicochemical properties, comparison-Chagres virus/Karimabad virus/sandfly fever virus 4720.
Purines,
insertion-phage PM2 DNA, Escherichia coli enzymes 4645.
Puromycin aminonucleoside,
inhibition-rRNA biosynthesis, SV40 transformed fibroblasts, man 8148.
Purothionin A,
effects on Moloney leukaemia virus producer cells, use-Moloney leukaemia virus assays 5413.
Putrescine,
effects on ornithine decarboxylase activity, SV40 transformed 3T3 cells 5782.
Pyocin R1,
associated phages tails, characterization 7852.
Pyoderma gangrenosum,
man, herpes simplex virus 2 aetiology, treatment-zinc acetate 8201.
Pyran,
effects on herpes simplex virus 1/herpes simplex virus 2 infection mouth/vagina, clinical manifestations/latency, mice 5766.
Pyrans,
inhibition-simian sarcoma virus DNA polymerase (RNA-dependent) 776.
Pyrexia,
effects on influenza A virus clones persistence, respiratory tract organ culture, ferrets 1350.
induction, variola virus vaccines, children 1656.
influenza A virus induced, maternal, effects on embryos development, rabbits 7453.
role-viruses infection recovery, man 5873.
Pyridoxal-5′-Phosphate,
inhibition-avian myeloblastosis virus DNA polymerase (RNA-dependent), tRNA effects on 6998.
Pyrimidine (2-Amino-4,6-Dichloro),
effects on vaccinia virus maturation, HEp-2 cells 6367.
Pyrimidine (deoxy) nucleosides,
5-halo-5′-amino analogues, synthesis/antiviral activity 292.
Pyrimidine (hydroxy),
derivatives, induction-interferon, chickens 4975.
Pyrimidine nucleosides,
derivatives, antiviral activity, herpes simplex virus 1 5073.
Pyrimidines,
derivatives, antiviral activity 996.

Quail,
avian leucosis pathology/transmission 3672.
infectious bursitis virus experimental infection 5334.
Quail pea mosaic virus,
classification, serotyping 7499.
Quinoxaline,
derivatives, antiviral activity 8035.

Rabbit poxvirus,
DNA, termini, inverted repeats 628.
infection, HeLa cells, membranes permeability alterations 2862.
Rabbits,
adenovirus isolation 7403.
animal models, herpes simplex virus infection susceptibility, central nervous system 1242.
animal models, herpes simplex virus keratitis, treatment, vitamin C administration, eye, man 1935.
Australia, myxomatosis epidemiology, Spilopsyllus cuniculi effects on 3867.
Borna virus infection, antibody response/antibodies detection 2275.
herpes simplex virus uveitis, aqueous humour, chemotaxis/cells infiltration 6083.
herpes simplex virus 1 infection, pathogenesis/latency 1243.
herpes simplex virus 1 keratitis, treatment, adenine arabinoside/guanosine (acyclo)/uridine (5′-iodo-2′-deoxy) 3886.
herpes simplex virus 1 uveitis, cyclophosphamide effects on 6763.
influenza A virus immunization, immune response (cell-mediated) 1719.
influenza A virus infection, trachea, immune response 1720.
Keystone virus/Jamestown Canyon virus transmission, Aedes atlanticus 2708.
myxoma virus vaccination 937.
neonates, interferon-leucocytes, man, immune response/toxicity 2992.
pleural effusion diseases, possible viruses aetiology 525.
pleural effusion diseases, role-viruses 3291.
rabies incidence/outbreaks 1987.
retinopathy, Borna disease virus experimental infection 7457.
vaccinia virus vaccination, complications/vaccinia virus isolation 3055.
Rabies,
association-vaccination, man, case reports 398.
clinical manifestations, man, review 3767.
control, domestic animals, review 3881.
control, elimination/vaccination, Vulpes 8390.
control/diagnosis/epidemiology, sheep 6735.
control/epidemiology, Mephitis mephitis, Canada 1989.
control/epidemiology, review 3817.
control/epidemiology/prevention, Europe 8383.
control/prophylaxis, man/animals, Yugoslavia 5285.
development risks, mathematical models 397.
diagnosis, immunofluorescence/immunoperoxidase test,

Rabies,(continued)
animals 2270.
diagnosis, review 8346.
diagnosis/symptoms/prophylaxis, man 5931.
differential diagnosis-canine distemper, dogs, case reports 7414.
differential diagnosis-nematodosis/indicence, Marmota monax, USA 4518.
domestic animals, transmission risks, man 8301.
ecology/control, animals, Europe, economics 520.
ecology/control, cattle/jackals, South Africa 1231.
epidemiology, animals, France 6760.
epidemiology, foxes, USA, Virginia 519.
epidemiology, man/animals, Europe 5983.
epidemiology, man/animals, Europe, review 5261.
epidemiology, man/animals, Rhodesia 8385.
epidemiology, Meles meles, Germany, Fed. Rep. 1988.
epidemiology/clinical manifestations/treatment/prophylaxis, man, review 1165.
epidemiology/control, Europe/USA 521.
epidemiology/incidence, animals, Zambia 5316.
epidemiology/incidence/treatment, man/animals, Switzerland 8384.
epidemiology/transmission, animals, Europe 5322.
epidemiology/transmission, livestock 3875.
immunoprophylaxis recommendations, man 229.
inactivated vaccines, derived from human diploid cells, efficacy/safety, man 916.
incidence, animals, France 5319.
incidence, livestock, India 3873.
incidence/outbreaks, rabbits 1987.
man, case reports 8240.
Mustela putoris furo 6736.
nervous system physiology, man 5930.
outbreaks, pigs, Nigeria, case reports 7411.
post-exposure prophylaxis recommendations, man, USA, Maryland 1164.
prophylaxis, vaccines + poly (I.C) complex-lysine, efficacy, mice 2420.
rabbits, case reports 8361.
transmission, role-Vulpes, Europe 3874.
treatment, interferon + vaccines, animals 2346.
wounds, management, man 2666.
Rabies-like virus,
strains, antigenic relationship-rabies virus 7090.
Rabies virus,
adaptation, Mustela nivalis 1973.
antibodies, antigenicity, guinea-pigs 8004.
antibodies, detection, haemagglutination (passive) 4224.
antibodies, enzyme immunoassay 2269.
antibodies detection, immunoelectrophoresis (counter), comparison-neutralization 2268.
antibodies detection, neutralization/immunofluorescence, methodology 861.
antibodies incidence, wildlife, Europe 5318.
antigenic characteristics/physicochemical properties, review 7883.
antigenic relationship-rabies-like virus strains 7090.
antigens, characterization 1589.
antigens, localization, trigeminal ganglion, hamsters 6776.
antigens detection/pathogenesis, cerebellum cells, mice 2013.
antiviral activity, disinfectants 3650.
asymptomatic persistent infection, Mastomys natalensis 1974.
complete/defective, physicochemical properties 6256.
experimental infection, antibody response, cats/skunks 1262.
experimental infection, cats 3897.
experimental infection, mice 6103.
experimental infection, pathology, Mephitis mephitis 8413.
experimental infection, pathology, mice 6777.
experimental infection, rodents, brain pathology 4561.
haemagglutinin, isolation/purification, brain-infected animals 2076.
immunity (cell-mediated), mice 971.
immunization (passive) + vaccination, following exposure, efficacyman 3587.
immunoglobulin G/immunoglobulin M antibodies, detection, enzyme immunoassay, man 4993.
immunoglobulins, quantitation, neutralization tests, mice 6481.
inactivated vaccines, efficacy, comparison, mice 5678.
inactivated vaccines, efficacy, man 919.
infection, effects on cell surface/haemadsorption, embryo cells, chickens 4622.
infection, effects on lymphocytes antigens, mice 7182.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4490.
infection, immune response, role-lymphocytes T/lymphocytes B, mice 970.
infection, laboratory animals, monkeys 8364.
infection, treatment, interferon, Macaca fascicularis 6480.
inhibition-Rous sarcoma virus replication 5505.
monoclonal antibodies, production, cell hybrids 2966.
nonpermissive infection, mice 2731.
passage/adaptation, Ondatra zibethica/Rattus norvegicus 1261.
persistent infection, cell lines derived from central nervous system, effects on acetylcholine/catecholamines/prostaglandins membranes recepors 4623.
persistent infection, HEp-2 cells/BHK21 cells 1344.
plaque formation assays/neutralization, methodology 5.
prophylaxis/treatment/vaccination, man 2386.
proteins, actin identification 1397.
proteins, characterization 4704.
RNA, transcription mapping 777.
RNA biosynthesis, BHK-21 cells 1508.
rodents strains, neurovirulence, Cricetus cricetus 5321.
seroepidemiology, wildlife, USA, Virginia 5317.
structural protein, characterization/preparation/purification 571.
temperature-sensitive mutant, protein biosynthesis/RNA biosynthesis 7759.
transmission, cornea transplantation, man 6689.
transmission, man, laboatories 1905.
transmission risks, laboratory animals 8382.
vaccination, associated neurological complications, man 3024.
vaccination, efficacy, man 7138.
vaccination, efficacy/reactogenicity, man 7943.
vaccination, efficacy/safety, children 5679.
vaccination, efficacy/safety, horses 7157.
vaccination, failure, dogs 4297.
vaccination, immune response, mice 8003.
vaccination, man 7944.
vaccination, man, France 2388, 3015, 3016, 3017, 3018, 3019, 3020, 3021, 3022, 3023, 3025, 3026, 3027, 3028, 3029, 3030, 3031, 3032, 3033.
vaccination, recommendations, dogs 6504.
vaccination, recommendations, man 3035, 6485.
vaccination, recommendations, travel, man 220.
vaccination, review 3036.
vaccination, Vulpes vulpes 7962.
vaccination complications, man, German Dem. Rep. 917.
vaccination efficacy/complications, comparison-vaccines,

IRL©1979

Rabies virus,(continued)
man 230.
vaccination/immunization (passive), efficacy, man 918.
vaccination recommendations, Germany, Fed. Rep. 4275.
vaccination recommendations, juveniles, dogs 7951.
vaccine administration, man 1668.
vaccines, aluminium hydroxide/Freund's adjuvant, comparison, efficacy, cattle 2419.
vaccines, antibody response, man 4274, 4276.
vaccines, comparison 3034.
vaccines, comparison, efficacy, man 4992.
vaccines, derived ducks embryos, neuraminidase contamination 4991.
vaccines, efficacy evaluation, antibody response, mice 4994.
vaccines, efficacy/safety, man/laboratory animals 3586.
vaccines, neurological complications, man 231.
vaccines, preparation/purification, kidney cells, cattle 2387.
vaccines, radiation (u.v.) inactivated, antigenicity/reactogenicity, man 7942.
vaccines development, man, review 3588, 3589.
vaccines/immunization (passive), efficacy/recommendations, man, review 2385.
Vulpes strains, susceptibility/transmission, Cricetus cricetus 5320.
Radiation,
induced tumour cells, murine leukaemia virus receptors, specificity, cell surface 3131.
induction-endogenous C-type virus (murine), Kirsten sarcoma virus transformed nonproducer cells, mice 6589.
Radiation (γ),
Creutzfeldt-Jakob disease virus/kuru virus/scrapie agent resistance 3415.
DNA repair, phage λ 7661.
effects on avirulent Semliki Forest virus induction-demyelination, mice 5338.
effects on DNA replication, SV40, permissive cells, hamsters 8045.
effects on herpesvirus replication/immunogenicity 82.
effects on phage T1 DNA structure 4653.
inactivation-phage φX174 7638.
mutation-phage λ, cysteamine/DNA repair defects effects on, Escherichia coli 4861.
phage T4 sensitivity, oxygen/superoxide radicals effects on 3492.
Radiation (ionizing),
induction-phage T7 DNA double-stranded breakage/cross-linking-proteins 4872.
Radiation (u.v.),
+ hydrogen peroxide, inactivation-phage T7, mechanisms 7575.
cross-linking, DNA-gene 5 protein, phage fd 6291.
damaged phage φX174, DNA repair, osmium tetroxide damaged phage φX174, DNA repair 170.
DNA repair, phage λ 7661.
effects on influenza virus mRNA transcription 7765.
effects on phage Qβ variants RNA structure/templates activity 4763.
effects on phage T1 DNA structure 4653.
effects on phage T4 uracil (5-bromo) containing DNA 7574.
effects on phage T7 DNA conformation 4654.
effects on SV40 DNA biosynthesis, CV-1 cells 2883.
effects on SV40 DNA sensitivity-phage T4 endonuclease V 6906.
endonuclease V sensitive cytosine (5-hydroxymethyl) products, phage T4 DNA 2781.
enhancement-herpes simplex virus 1 reactivation, wavelength dependence 821.
inactivated rabies virus vaccines, antigenicity/reactogenicity, man 7942.
inactivation-Epstein-Barr virus, early antigen expression, nonproducer cells, caffeine effects on 2764.
inactivation-phage PM2/phage T2, water 7375.
inactivation-phage T7, kinetics 4655.
inactivation-Spodoptera litura nuclear polyhedrosis virus 6258.
induction-phage λ, dam mutant effects on, Escherichia coli 2244.
induction-phage λ, lysogeny, Escherichia coli, diaminopimelic acid requirements 1554.
mapping, phage φX174/phage S13 promoters 706.
mutagenesis/reactivation-phage P22, Salmonella typhimurium, role-plasmid pKM101 1533.
phage λ prophages induction, Escherichia coli, 8-methoxypsoralen photosensitization 1555.
phage T7 lethality, enhancement, hydrogen peroxide 6903.
Pseudomonas aeruginosa, survival, phage C5 effects on 7838.
reactivation, DNA biosynthesis/protein biosynthesis requirements, herpes simplex virus, kidney cells, monkeys 7032.
reactivation-cyanophage AS-1, Anacystis nidulans 1527.
reactivation-phages, Escherichia coli 7791.
reactivation/sensitivity-herpesvirus (turkey)/pseudorabies virus, in vitro 5572.
resistance, intracellular phage T1, Escherichia coli, chloramphenicol/cyanide effects on 3975.
suppression-F gene/G gene nonsense mutant, phage S13/phage φX174 7804.
susceptibility-phage ZAR2 5477.
treated cytomegalovirus, embryo fibroblasts transformation, hamsters 6571.
treated cytomegalovirus, stimulation-DNA biosynthesis, embryo fibroblasts, mice/man 2166.
treated herpesvirus (equine) 1, biochemical transformation, thymidine kinase deficient 3T3 cells 6286.
treated influenza virus, effects on influenza, mice 2732.
treated reovirus, induction-interferon, cells, rodents, mechanisms 4254.
treated skin cell culture, man, herpes simplex virus 1 production, correlation-DNA repair 3380.
treated vesicular stomatitis virus, inhibition-RNA biosynthesis, myeloma cells, mice 6358.
treated vesicular stomatitis virus, rescue-vesicular stomatitis virus temperature-sensitive mutant 4188.
use-gene mapping, phages 7029.
Radiation (X),
modification-Venezuelan equine encephalitis virus infection, mice 1255.
recovery-Epstein-Barr virus, lymphoid cell lines nonproducer cells 6872.
sensitivity-phage P2 lysogenic Escherichia coli 5592.
treated mice, influenza A virus susceptibility 6198.
Radiation effects,
relationship-viruses disease resistance, man/animals, review 8175.
Radiation leukaemia virus,
endogenous, viruses populations derived from, characterization 1375.
induced leukaemia, chromosomes studies, mice 324.
induced tumour cells, murine leukaemia virus receptors, specificity, cell surface 3131.
induction-lymphoma, athymic nude mouse 4362.
production, correlation-cells proliferation, lymphoma, rats, in vitro 328.
transformation, susceptibility, role-histocompatibility antigen

Radiation leukaemia virus,(continued)
H-2, cells, mice 7244.
variants, induction-leukaemia, mice 4373.
Radiculoneuropathy,
herpes simplex virus 1 isolation, cerebrospinal fluid, man 6627.
Radioimmunoassay,
adenovirus 5 antibodies 7855.
avian leucosis virus detection/properties 2263.
B-type virus/C-type virus antibodies, methodology 7074.
characterization-feline sarcoma virus induced antigens-membranes 860.
comparison-enzyme immunoassay/immunofluorescence, detection-varicella-zoster virus antibodies, man 4909.
detection-hepatitis A virus/antibodies, man 5005.
detection-hepatitis B core antigen antibodies 866.
detection-hepatitis B e antigen/antibodies, hepatitis B, man 6439.
detection-hepatitis B surface antigen 7873.
detection-hepatitis B surface antigen, blood, comparison-enzyme-linked immunosorbent assay 4229.
detection-hepatitis B surface antigen, hepatitis B diagnosis 867.
detection-hepatitis B surface antigen/antibodies, blood sampling methodology effects on, man 3532.
determination-hepatitis B surface antigen antibodies subtypes 4233.
diagnosis-hepatitis A 7082.
diagnosis-hepatitis B 6431.
diagnosis-pseudorabies, pigs, comparison-immunodiffusion/neutralization 4214.
diagnosis-rotavirus (bovine) infection, cattle 3511.
diagnosis-viruses infection, comparative studies 189.
hepatitis A virus antibodies 6429.
hepatitis A virus antibodies, methodology 7868.
hepatitis B antigen, comparison-enzyme immunoassay 195.
hepatitis B antigen/antibodies 4928.
hepatitis B antigen/antibodies, man 870.
hepatitis B core antigen 6444.
hepatitis B e antigen 4234.
hepatitis B e antigen 6711.
hepatitis B e antigen/antibodies 2954.
hepatitis B surface antigen 1575, 3531, 4922, 6430, 6443, 7870.
hepatitis B surface antigen, antibodies effects on 6435.
hepatitis B surface antigen, blood/blood products 6427.
hepatitis B surface antigen, comparison-enzyme-linked immunosorbent assay 4231.
hepatitis B surface antigen, false-positives elimination 2955.
hepatitis B surface antigen, hepatitis (acute), man 2278.
hepatitis B surface antigen, methodology 6432, 6433, 6434.
hepatitis B surface antigen antibodies, glutamate oxaloacetate transaminase activity effects on, man 1576.
hepatitis B surface antigen/antibodies, methodology 4232.
hepatitis B surface antigen antibodies, man 4926.
hepatitis B surface antigen associated albumin binding sites 4927.
hepatitis B surface antigen incidence/screening, man 1158.
Hepatitis B surface antigen subtypes 6438.
hepatitis B virus antibodies/immune complexes detection, methodology 865.
hepatitis B virus antigens/antibodies 4329.
heptatitis B surface antigen/antibodies 868.
herpesvirus induced kidney adenocarcinoma, cell lines, karyotypes 1011.
influenza A virus haemagglutinin, use-Staphylococcus aureus 7077.
influenza virus haemagglutinin 1573.
liver specific membranes lipoproteins antibodies, hepatitis (acute)/hepatitis (chronic active), man 1725.
measles virus infection, immunoglobulin M levels, man 275.
Norwalk agent antibodies 2259.
nuclear polyhedrosis virus, Trichoplusia ni 193.
precipitation, influenza A virus antibodies 2271.
quantitation-hepatitis B surface antigen antibodies, serum, man 5007.
rheumatoid factor, respiratory syncytial virus immune complexes 1601.
rotavirus, faeces, infants 4913.
Rous sarcoma virus/SV40 transformed cells, tubulin levels 1754.
rubella virus immunoglobulin M, interference, rheumatoid factor 1570.
rubella virus immunoglobulin M antibodies 6421.
Sindbis virus 1569.
specificity, mammary tumour virus proteins 5676.
spleen focus-forming virus glycoprotein gp70, cross-reacting-mink cell focus-forming virus 1588.
tick-borne encephalitis virus immunoglobulins detection 853.
Radioisotopes,
scanning, brain changes, subacute sclerosing panencephalitis, man 7397.
Radioprotection,
mice, induction, interferon 1641.
Radioresistance,
radiation (u.v.), induction, phage T4 endonuclease V, Escherichia coli uvr gene mutants 4065.
Radish mosaic virus,
quantitation, immunodiffusion 4237.

Rangiter tarandus,
ecthyma contagiosum, transmission-man, case reports 4467.
Ranikhet disease virus,
antiviral activity, formazans/tetrazolium 7200.
Ranunculus repens,
virus-like particles detection/physical properties 5487.
Raptors,
Newcastle disease 8387.
Newcastle disease diagnosis/symptoms/vaccination 7415.
Rash,
complications, children, vaccinia virus vaccination 3578.
Raspberry bushy dwarf virus,
detection, Rubus idaeus, New Zealand 6132.
epidemiology/pathology/symptomatology, Rubus idaeus, Canada 2044.
Raspberry ringspot virus,
identification/characterization, Vitis vinifera 2073.
RNA, poly (A) content 6925.
Rat sarcoma virus,
phosphoproteins, antigenic relationship-Harvey sarcoma virus/Kirsten sarcoma virus phosphoproteins/role-transformation 8132.
Rats,
A-type particles detection, immunocytoma 1802.
avian sarcoma virus B77 induced tumours, growth, tumour cells soluble components effects on 5110.
colonies, British Isles, viruses seroepidemiology 1213.
infants, attenuation-influenza virus 6104.
interferon induction/biological properties 5649.
juveniles, feline infectious peritonitis virus infection 6101.
kidney cells, Rous sarcoma virus temperature-sensitive mutants transformed, proliferation, role-calcium 317.
neonates, growth/nephritis development, interferon treatment effects on 7921.

IRL©1979

Rats,(continued)
neonates, influenza A virus infection, attenuation markers-man 1265.
phage T2 RNA induction-antibodies, spleen, lymphosarcoma 7969.
poliovirus 1 infection, immune response/pathology 6093.
polyoma virus oncogenicity, influenza A virus vaccination effects on 1003.
poxvirus infection outbreaks/characterization 503.
Rous sarcoma virus tumour cells, surface antigen characterization 1773.
Rattus fuscipes,
Australia, paramyxovirus characterization/classification/isolation 2070.
Rattus leucopus,
Australia, paramyxovirus characterization/classification/isolation 2070.
Rattus norvegicus,
rabies virus passage/adaptation 1261.
role, pseudorabies virus transmission 6753.
Rattus rattus,
C-type virus (rat) isolation/characterization 333.
Tunisia, West Nile virus/Uukuniemi virus/Bhanja virus seroepidemiology 1225.
Rauscher leukaemia virus,
antigen (tumour-associated) detection, nonproducer cells/producer cells 5833.
antigenic determinants detection, radioimmunoassay, D-type virus derived from J-96 cells 2963.
assembly, role-membranes-glycoproteins-structural protein interaction 4849.
DNA polymerase (RNA-dependent), interaction-proteins 773.
DNA polymerase (RNA-dependent) associated ribonuclease H, inhibition, RNA 149, 772.
enhanced production, passaged JLS-V9 cells 8.
envelopes glycoproteins, association-histocompatibility antigen H-2, Rauscher leukaemia virus transformed cells, mice 4374.
gag gene/pol gene proteins, tryptic peptides analysis 7618.
gag gene precursors polyproteins, modification following translation 5538.
gag gene products/translation mapping 2208.
gag gene proteins precursors, cleavage, NIH/3T3 cells membranes 158.
genomes, RNA, intracellular distribution, determination 3471.
glycopeptides, biosynthesis/characterization/comparison-AKR leukaemia virus 7754.
glycoproteins, binding-lymphocytes, leukaemogenesis, mice 8119.
glycoproteins, receptors characterization, KA31 cells 2858.
glycoproteins characterization/morphogenesis, membranes-lymphoblastoid cell culture, mice 1394.
immunity (cell-mediated), breast tumours, man 967.
induced leukaemia, immune response, antigens expression correlation-pathogenesis, mice 1713.
induced leukaemia, spleen extracts effects on, mice 1792.
induced leukaemia, thrombocytopenia, mice 5822.
induced leukaemia cells, mice, differentiation, induction-ascitic fluid factors 8118.
induced leukaemia RBL-3, virus determined antigen (tumour-specific), mice 1038.
infected cells, mice, antiviral activity, pretazettine hydrochloride 995.
infected embryos cells, rats, use-carcinogenicity testing, methodology 5774.
infected mice, spleen RNA polymerase I/RNA polymerase II/RNA polymerase III characterization 8117.
infected spleen, mice, RNA polymerase I/RNA polymerase II, methotrexate effects on 7755.
infection, effects on colony-forming cells, mice 5832.
infection, mice, spleen erythroblasts, cholesterol/phospholipids composition 3318.
infecton, soluble antigens characterization, serum, mice 329.
phosphoproteins, purification, methodology 7513.
proteins, binding-hosts cells DNA, specificity 7756.
proteins, characterization 2802.
receptors, genes localization, mice x hamsters clones 86.
receptors, genetic analysis, Mus musculus x Mus cervicolor hybrids cell lines 4185.
related DNA, detection-systemic lupus erythematosus tissues, man, absence 5167.
replication, temperature effects on, producer cells 7245.
mRNA, translation, cell-free system 4140.
target cells identification, transformation-bone marrow, mice, in vitro 4375.
temperature-sensitive mutant, assembly, cell surface, fibroblasts, mice, induction, ligands/low temperature 5546.
temperature-sensitive mutant, membranes glycoproteins biosynthesis 4883.
transformed cells, RNA content 1037.
transformed erythroid cells precursors, differentiation 5826.
transformed erythroleukaemia cell lines, differentiation, phorbol esters/12-O-tetradecanoylphorbol-13-acetate effects on 4369.

envelope proteins precursors glycosylation, inhibition-tunicamycin, in vitro 6349.
Rayado fino virus,
purification, infected Zea mays 2081.
RD-114 virus,
antigens, absence, feline leukaemia virus infected cats 6526.
biological properties/characterization, cats, review 2480.
induced cell fusion, inhibition-interferon, transformed cell lines, man 6472.
Reactivation,
phage P22, radiation (u.v.), Salmonella typhimurium, role-plasmid pKM101 1533.
Reactogenicity,
comparison-vaccinia virus vaccines 222.
Reassembly,
Sendai virus, Triton X-100 treated envelopes 798.
Receptors,
activity, cell-free extracts, lymphoblastoid cells, man, Epstein-Barr virus 1438.
AKR leukaemia virus, detection, thymus lymphoma, mice 6592.
albumin, detection, Dane particles/hepatitis B surface antigen 6259.
characterization, KA31 cells, Rauscher leukaemia virus glycoproteins 2858.
characterization/purification, phage λ, Escherichia coli 2853.
ecotropic murine leukemia virus, gene localization, chromosome 5, mice 1441.
Fc, induction, herpes simplex virus, HeLa S3-2 cells 1697.
gangliosides, membranes, normal/murine sarcoma virus transformed fibroblasts, mice 3679.
herpes simplex virus, types specificity, cell lines 7651.
phage λ, Escherichia coli, structure 6959.
phages, lipopolysaccharides, Shigella flexneri 180.
specificity, cell surface, radiation/radiation leukaemia virus induced tumour cells, murine leukaemia virus 3131.

Recombinants,
characterization, influenza B virus 179.
characterization, Wallal virus x Mudjinbarry virus 1537.
characterization/isolation, influenza A virus 2233.
genetic analysis/peptides sequence, oncornavirus (avian) 4879.
host range, fowl plague virus, characterization/isolation 1541.
identification-heterozygotes, influenza A virus 827.
phage f1 x plasmid pSC101, isolation/characterization 6377.
phage Mu x chloramphenicol antibiotic resistance transposons + insertion sequences, DNA, electron microscopy 810.
Recombination,
DNA, SV40 infected cells, review 173.
DNA, use-phage λ, review 168.
frequency, phage T4 amber mutant, Escherichia coli mutants effects on 2223.
intramolecular, herpesvirus DNA, models 4875.
origins-endogenous C-type virus (murine) oncogenicity, role-env gene/gag gene 2228.
phage γ, lysergic acid diethylamide effects on 164.
phage λ, radiation (u.v.), inhibition, DNA gyrase inhibitors 806.
phage λ, review 167.
phage λ, role-superhelical DNA 162.
phage φX174, promotion-phage λ, genetic analysis 3491.
phage T4 DNA polymerase mutants 4176.
phage T4 early gene amber mutant 814.
phage T7, in vitro, DNA packaging polarity effects on 816.
phage T7, role-gene 3/gene 5 products 4179.
phages, review 6375.
Rous sarcoma virus, role-pol gene 4183.
sites specific, DNA strands exchange, phage λ 4860.
sites specific, phage λ, Escherichia coli galT gene 4074.
stimulation-nitrous acid, mechanisms, phage T4 7807.
use-phage single-stranded DNA, review 161.
Red clover mottle virus,
complementation, strains 828.
replication, Pisum sativum, polyacrylic acid/ribavirin effects on 7774.
Red clover necrotic mosaic virus,
infection, distribution/incidence/symptoms/transmission, Trifolium pratense, British Isles 8453.
Red stripe disease,
Sorghum vulgare, sugarcane mosaic virus aetiology/vectors 6128.
Refractile bodies,
prophages like, characterization, Pseudomonas like hydrogen bacteria 7626.
Relative humidity,
effects on bovine rhinotracheitis virus aerosols stability 7633.
Reo-like virus,
aetiology/incidence, diarrhoea, military personnel, Korea, Rep. 394.
antibodies, detection, use-Nebraska calf diarrhoea virus antiens, man 1568.
Reovirus,
adenosinetriphosphatase, characterization 6996.
aetiology, diarrhoea, man, Kenya 391.
antibodies, enzyme-linked immunosorbent assay, chickens 4912.
assays/detection, Crassostrea virginica 1896.
association-gastroenteritis, children 1858.
characterization/isolation-Crassostrea virginica, growth in vitro/host range 6849.
concentration, water, use-polyethylene glycol 6857.
double-stranded RNA segments, identification 633.
genomes segments, polymorphism, man/cattle/mice 6913.
heat inactivation, wastewater sludge 5283.
infection, cytotoxic lymphocytes T induction, role-S1 gene, mice 3626.
infection, effects on urethan induction-lung tumours, mice 535.
infection, resistance, normal/SV40 transformed WI-38 cells 1337.
infection, susceptibility/symptoms, pigs, juveniles 5335.
isolation, wastewater, plaque assay methodology 2760.
mixed infection-Mycoplasma synoviae, pathogenesis, chickens 1252.
penetration/replication, HeLa cells, polycations effects on 85.
physicochemical properties/role-respiratory tract-infection, cattle, review 8347.
plants, properties/structure, review 2836.
poly (A) containing RNA, bound proteins, identification 7613.
pyrimidines rich oligonucleotides, fate following infection 4802.
radiation (u.v.) treated, induction-interferon, cells, rodents, mechanisms 4254.
respiratory tract infection, dogs 5301.
mRNA, caps methylation, interferon effects on, L929 cells 7112.
mRNA, interaction-eukaryotes ribosomes, role-coding sequence 6336.
mRNA, interaction-ribosomal subunits, edeine effects on 757.
RNA, interaction-RNA polymerase, GMP methyl derivatives effects on 1489.
RNA, RNA polymerase templates activity/structure, photochemical cross-linking 2893.
mRNA, 5′-terminus, nucleotide sequence 758.
mRNA, translation, role-guanosine (7-methyl) caps 4144.
seroepidemiology, poultry, Austria 8368.
temperature stability, modification, identification-detergents, wastewater sludge 5282.
virion associated methyltransferases/poly (A) polymerase, activation mechanisms 6335.
Reovirus (avian),
induction-hepatitis, chickens 1253.
Reovirus 1,
affinity-cells microtubules, comparison-reovirus 3, in vitro/in vivo 7647.
physicochemical properties, comparison-rotavirus (simian) 11 6252.
seroepidemiology, cattle, juveniles 7421.
Reovirus 2,
seroepidemiology, cattle, juveniles 7421.
Reovirus 3,
affinity-cells microtubules, comparison-reovirus 1, in vitro/in vivo 7647.
differentiation-epizootic diarrhoea of infant mice virus/mouse hepatitis virus, immunoperoxidase test, in vitro 2944.
double-stranded RNA coded polypeptides, characterization 2138.
infection, leucocytes (neutrophilic) effects on, cell culture 5738.
mutagenesis, chemicals, specificity 7819.
temperature-sensitive mutant, genetic analysis 3497.
temperature-sensitive mutant, interference, relationship-complementation 5573.
Replication,
defective mutant, Rous sarcoma virus, genetic analysis 4182.
orbivirus, tubules, physicochemical properties, cell culture 5502.
phage IKe, requirements-IncP plasmids, Escherichia coli

IRL©1979

Replication,(continued)
3427.
phage PR772, requirements-R factor R772 4646.
polyoma virus, review 3985.
Replicative intermediates,
characterization, phage T1 DNA replication 714.
Repression,
genetic analysis, phage P22/phage L, Salmonella 1531.
Repressors,
biosynthesis, phage P22 regulation mutants 4172.
cro repressor, phage λ, effects on transcription in vitro 4073.
inactivation, Escherichia coli recA gene products, phage λ 2220.
inactivation, phage λ, RNA biosynthesis/protein biosynthesis induction requirements, Escherichia coli 842.
interaction-DNA, phage Mu 5561.
papain fragments, characterization, phage λ 4694.
production, phage λ mutants 1529.
regulation-genes, phage λ, review 166.
N-terminus, binding-operators DNA, transcription control, phage λ 6296.
Reproduction,
cattle, bovine rhinotracheitis virus infection effects on 1962.
mice, Junin virus congenital infection effects on 3895.
Reproductive disorders,
prophylaxis, pigs, efficacy-parvovirus (porcine) vaccination 5692.
Reproductive failure,
horses, Australia, herpesvirus (equine) 1 association 481.
Reproductive tract,
diseases, parvovirus aetiology, diagnosis, serological tests, pigs 7399.
Reptiles,
cell lines, Fer-de-Lance virus replication 6886.
cell lines, Fer-de-Lance virus replication, temperature effects on 6887.
Republic of South Africa,
influenza epidemics, adolescents, man 2633.
Resins,
cation-exchange capacity, influenza A virus sorption activity 7639.
Resistance,
breeding, maize dwarf mosaic virus/maize chlorotic dwarf virus control, Zea mays 551.
Fv-1 locus specific, transfer, cytoplasmic RNA, embryo cells, mice, oncornavirus (murine)-B-tropic/N-tropic 2486.

Respiratory syncytial virus,
aetiology, bronchiolitis, infants 7321.
antibodies, levels, children 6668.
antibodies detection, foetus, cattle 1724.
antibodies incidence, man, Zambia 1132.
bronchiolitis, aetiology/symptoms/treatment, man, review 3733.
cattle, antibodies detection, syncytia regression in vitro 5442.
concentration/purification, methodology 3375.
epidemiology, infants, institutions 5991.
experimental infection, antibody response/pathology/symptoms, sheep, juveniles 7456.
experimental infection, immune response, Sigmodon hispidus 6788.
immune complexes, rheumatoid factor, radioimmunoassay 1601.
incidence/aetiology, respiratory tract infection, children, British Isles 407.
infected respiratory tract cells, immunoglobulins coating, man 2447.
infection, antibodies levels, nasal secretions, children 5745.
infection, Aotus trivirgatus/Pan troglodytes, temperature sensitive mutant isolates, stability 7037.
infection, association-Reye's syndrome, case reports 6657.
infection, association-wheezing, children 2594.
infection, control, hospitals, man 3261.
infection, diagnosis, immunofluoescence (indirect), comparison-tissue culture infectivity, children 3526.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4496.
infection, immune response (cell-mediated), role-pathology, man 8012.
infection, immune response, infants, man 982.
infection, immune response/pathology/symptoms, Sigmodon hispidus 5349.
infection, immunity, role-breast feeding, man 3574.
infection, incidence/susceptibility, cats 2697.
infection, interferon response, children 901.
infection, interferon response, nasal secretions, infants 900.
infection, neonates, man 5209.
infection, pathogenesis, trachea organ culture, man/ferrets 16.
infection/pathology, trachea organ culture, pigs, juveniles 3387.
live vaccines, clinical trials, children 7148.
mixed infection-parainfluenza virus 3, pneumonia, histopathology/symptoms, cattle, juveniles 4533.
persistent infection initiation/maintenance, in vitro 11.
physicochemical properties/role-respiratory tract-infection, cattle, review 8347.
polypeptides, physicochemical properties/post-translation modification, BS-C-1 cells 5473.
proteins, localization/solubilization 6941.
respiratory tract infection, epidemiology, children, British Isles 1133.
respiratory tract infection, man, South Africa 5961.
respiratory tract infection, outbreaks, cattle, British Isles, Northern Ireland 5325.
role-respiratory tract infection, man 5175.
seroepidemiology, man, France 5238.
temperature-sensitive mutant, growth, nasal turbinates, ferrets 2734.
temperature-sensitive mutant, infection, clinical manifestations/immune response, Aotus trivirgatus/Pan troglodytes 7455.
vaccines, efficacy, cattle 3060.
vaccines, efficacy/safety, cattle 3061.
Respiratory tract,
bacteria/viruses infection, treatment, man 8329.
cattle juveniles, bovine rhinotracheitis virus + Pasteurella haemolytica mixed infection, environmental effects 1247.
cells, respiratory syncytial virus infected, immunoglobulins coating, man 2447.
cells, secretory immunoglobulin A, role-immunity, influenza virus infection, rats 5051.
complications, varicella, pregnancy, case reports 8218.
complications/pathogenesis, treatment, amantadine, influenza A virus infection, man 1870.
diseases, association-BK virus, man 2550.
diseases, cattle, bovine rhinotracheitis/parainfluenzea virus 3 incidence 1198.
diseases, cattle, German Dem. Rep., bovine rhinotracheitis virus/parainfluenza virus 3 association/prophylaxis 2680.
diseases, children, Iran, viruses isolation 5876.
diseases, horses, adenovirus (equine) aetiology 1961.
diseases, turkeys, infectious bursitis virus/Newcastle disease virus isolation 1955.
ferrets, influenza A virus infection pathology, electron

Respiratory tract,(continued)
microscopy (scanning)/electron microscopy (transmission) 2015.
function, man, influenza virus vaccines effects on 7946.
hypersensitivity, atopy, man, role-viruses 5877.
infection, adenovirus/myxovirus, immunoglobulins levels, infants 1693.
infection, aetiology, cats/dogs, review 5302.
infection, aetiology, herpesvirus (equine)/influenza virus, horses, Canada 6047.
infection, association-immunodeficiency, children 354.
infection, cattle, juveniles, role-parainfluenza virus 3 4534.
infection, children, British Isles, respiratory syncytial virus aetiology 407.
infection, children, clinical manifestations/viruses characterization 1834.
infection, children, treatment, interferon 4264.
infection, epidemiology, children, British Isles 1133.
infection, epidemiology/prophylaxis/symptoms, calicivirus/feline panleucopenia virus/herpesvirus, cats 5691.
infection, horses, herpesvirus (equine) 1/influenza virus aetiology 6048.
infection, pigs, viruses characterization 1196.
infection, rhinovirus (human) 21, treatment, interferon inducers, man 2989.
infection, role-viruses, man 5175.
infection, viruses, association-bronchitis, children 6644.
infection, viruses, cattle, Morocco 6060.
infection, viruses, cattle, review 8347.
infection, viruses, effects on foetuses/pregnancy, man 5880.
infection, viruses, effects on immune system, man 6617.
infection, viruses, man, treatment, interferon 1646.
infection, viruses, treatment, aerosols inhalation chambers, man 1930.
infection, viruses, treatment, interferon 2345.
infection, viruses aetiology, dogs 5301, 6041.
infection, viruses aetiology, man, South Africa 5961.
infection, viruses isolation, cats 3861.
organ culture, ferrets, influenza A virus clones persistence, pyrexia effects on 1350.
parainfluenza virus 1/parainfluenza virus 2/parainfluenza virus 3 infection, epidemiology/clinical manifestations, comparison, man, BritishIsles 440.
parainfluenza virus 3/respiratory syncytial virus infection, outbreaks, cattle, British Isles, Northern Ireland 5325.
viruses infection, association-asthma, children 5176.
viruses infection, association-kidney diseases, mechanisms, man 5878.
viruses infection, central nervous system changes, man 3162.
viruses infection, complement levels, cystic fibrosis, man 947.
viruses infection, incidence, children, New Zealand 1070.
viruses infection, pathogenesis, man 1071.
viruses infection, prevention recommendations, cattle 3309.
viruses infection, theophylline levels, man 5879.
viruses infection, theophylline pharmacokinetics, man 1833.
Respiratory tract diseases,
cattle, bovine rhinotracheitis virus/parainfluenza virus 3 incidence 1198.
Respiratory tract infection,
children, British Isles, respiratory syncytial virus incidence/aetiology 407.
Restriction,
avian sarcoma virus, Marek's disease virus transformed lymphoid cell lines 1014.
C-type virus (murine), genetic control, glucocorticoids treated embryo cells, mice 1026.
Escherichia coli, involvement-phage T1 DNA methylation 4764.
Restriction endonuclease,
analysis, comparison-nuclear polyhedrosis virus infectious forms DNA, Autographa californica 639.
analysis, phage T5 DNA 2782.
analysis-herpes simplex virus 1 DNA 624.
Bacillus amyloliquefaciens, recognition sequence, phage φ105C DNA 7566.
cleavage, Epstein-Barr virus mapping (physical) 626.
cleavage, mapping, adenovirus (bovine) 3 DNA 38.
cleavage mapping, DNA, phage SPP1 transcription in vitro 6309.
cleavage mapping, phage φX174/phage St-1/phage G4 DNA 608.
cleavage mapping, phage St-1 DNA 607.
cleavage maps, phage BF23 DNA 6186.
cleavage patterns, SV40 temperature-sensitive mutant DNA 2120.
cleavage-phage T5 DNA 612.
cleavage sites, DNA, polyoma virus mutants 817.
cleavage sites, mapping, phage PM2 DNA, methodology 7567.
digestion-uridine (5-bromodeoxy) containing phage λ DNA 2777.
Escherichia coli, cleavage-SV40 DNA 617.
fragmentation-adenovirus (human) 1 DNA 1369.
fragmentation/mapping, phage λ DNA 1358.
fragments, DNA, electrophoresis, differentiation-poxvirus strains 627.
fragments, mapping, adenovirus (human 2 DNA 6907.
fragments arrangement, phage SPP1 DNA 4652.
Klebsiella pneumoniae, recognition sequence, adenovirus (human) 2/SV40 DNA 620.
mapping, BK virus DNA 33.
mapping, phage φ105 DNA 604.
mapping, phage G4 DNA 598.
mapping, phage P22 DNA 6193.
mapping, SV40 DNA cleavage 35.
mapping-Bk virus DNA 1366.
maps, adenovirus (simian) 38 DNA 7585.
phage P1, cleavage sites-SV40 DNA 4660.
recognition sites, determinaton, computer programs, phage φX174 DNA 603.
recognition sites, phage φX174/SV40 DNA 1360.
sensitive mutant, DNA modification, phage T5 5599.
sensitive mutant, phage T5 5598.
Streptomyces aureofaciens, cleavage-phage λ DNA 599.
Streptomyces lavendulae, cleavage sites, phage T4 DNA 6196.
Streptomyces stanford, characterization/phage λ DNA cleavage 1356.
Restriction endonuclease EcoRI,
degradation-Bacillus licheniformis/Bacillus thuringiensis phage DNA 18.
Restriction endonucleases,
mapping, phage λ DNA 1359.
Restriction-modification,
phage DDII/phage DDVI/phage DDVII, specificity, Escherichia coli/Shigella 7043.
susceptibility, cytosine substituted phage T4 DNA 7572.
Retina,
rats, adenovirus (human) 12 induced tumours, cell lines establishment 7215.
ultrastructure, man, subacute sclerosing panencephalitis eye involvement 6039.
Retinitis,
association-cytomegalovirus infection, man, case reports

IRL©1979

Retinitis,(continued)
1090.
cytomegalovirus, association-immunosuppression, man 3073.
cytomegalovirus, association-retina aneurysm, case reports 4418.
Retinoic acid,
inhibition-Epstein-Barr virus induction, Raji cells 5422.
role-transcription control-interferon production, in vitro 1628.
Retinopathy,
rabbits, Borna disease virus experimental infection 7457.
rubella virus, association-subretinal neovascularization, man, case reports 1866.
Reye's syndrome,
association-respiratory syncytial virus infection, case reports 6657.
role-chemicals + viruses interaction, man 6622.
Rhabdovirus,
isolation/characterization, Cyrpinus carpio, spring viraemia of carp 1205.
plants, cytopathogenesis/replication/structure, review 2830.
virus-like particles, detection/association-yellow stripe, Iris germanica 3344.
Rhabdovirus carpio,
isolation, Argulus foliaceus/Cyprinus carpio 3307.
Rhesus monkey,
oesophagus tumours cell lines, C-type virus detection 1046.
Rheumatism,
association-coxsackievirus A13, man 5920.
man, possible role-viruses, review 363.
Rheumatoid arthritis,
aetiology, role-viruses, man 7285.
association-Epstein-Barr virus infection, man 3173.
association-hepatitis B surface antigen positive hepatitis, case reports 413.
Epstein-Barr virus antibodies detection, man 6631.
treatment, interferon, man 5656.
Rheumatoid factor,
interference-rubella virus immunoglobulin M radioimmunoassay 1570.
radioimmunoassay, respiratory syncytial virus immune complexes 1601.
role-cytomegalovirus immunoglobulin M complement fixation/haemagglutination (indirect) 1567.
role-false-positives, immunofluorescence (indirect), Epstein-Barr virus immunoglobulin M antibodies, man 7065.
Rheumatoid synovium,
pathology/possible viruses aetiology 1829.
Rhinitis (inclusion body),
cytomegalovirus, clinical manifestations/epidemiology, pigs, USA, Iowa 4527.
Rhinovirus,
aetiology, sinusitis, man 6643.
antiviral activity, isoprinosine 8029.
antiviral agents, evaluation, hand hygiene 5065.
bronchiolitis, aetiology/symptoms/treatment, man, review 3733.
infected HeLa-cells, viruses specific proteinase isolation 4126.
infection, interferon inducers effects on, man 5655.
infection, man, treatment, interferon 1645.
physicochemical properties/role-respiratory tract-infection, cattle, review 8347.
role/susceptibility-bronchitis, man, USA, Michigan 5200.
Rhinovirus (human),
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4473.
respiratory tract infection, association-bronchitis, children 6644.
role-common cold, man 3183.
Rhinovirus (human) 2,
infected lung embryo cells, human, poly (A) exogenous processing 6408.
Rhinovirus (human) 4,
infection, man, fungi interferon inducer effects on 213.
Rhinovirus (human) 13,
antiviral activity, C-nucleosides thiazole derivatives 994.
Rhinovirus (human) 14,
adsorption/penetration, kinetics, HeLa cells 4740.
Rhinovirus (human) 20,
adsorption/penetration, kinetics, HeLa cells 4740.
Rhinovirus (human) 21,
respiratory tract infection, treatment, interferon inducers, man 2989.
Rhipicephalus appendiculatus,
transmission-Nairobi sheep disease virus, Kenya 1985.
Rhipicephalus bursa,
Greece, Crimean-Congo haemorrhagic fever virus virus-like particles isolation 3795.
Rhizobium,
associated defective phages, proteins characterization/cores/sheaths structure 7627.
nodules, bean yellow mosaic virus infection 5370.
Rhizobium japonicum,
lysogeny/sensitivity-phages-soil isolates 5581.
Rhizobium leguminosarum,
phage RL1 characterization/isolation/physicochemical properties 3944.
transduction, phage RL38/phage RL39 7054.
Rhizobium meliloti,
plasmids, role-phage sensitivity 839.
Rhizobium trifolii,
lysogeny, role-strains competition 4195.
phages induced exopolysaccharide depolymerase, characterization 1451.
Rhizoctonia solani,
rice tungro virus resistance assays 7471.
Rhizomania,
diseases, Beta vulgaris, France, beet necrotic yellow vein virus host range/biological properties 1279.
Rhodesia,
Marburg disease outbreaks, epidemiology/transmission, man 5260.
rabies epidemiology, man/animals 8385.
Rift Valley fever outbreaks, clinical manifestations/diagnosis/epidemiology, man 5205.
Rhodopseudomonas sphaeroides,
phage Rφ6P plasmids/prophages properties 1561.
R factor RP4 x phage Mu hybrids transfer 7049.
Rhodospirillaceae,
phages, characterization, review 2928.
Rhopalosiphum maidis,
barley yellow dwarf virus isolates, infected Avena sativa, cytology 8448.
Rhopalosiphum padi,
transmission-barley yellow dwarf virus 2080.
transmission-Cynosurus mottle virus, New Zealand 6818.
Rhynchosia minima,
Cuba, mosaic disease, viruses aetiology/symptomatology/transmission 3346.
Ribavirin,
antiviral activity 7197.
antiviral activity, influenza A virus infection, cell culture/trachea organ culture-ferrets 989.
antiviral activity, mechanisms/specificity, influenza A virus infected MDCK cells 7202.

Ribavirin,(continued)
antiviral activity, vaccinia virus, in vitro 8036.
antiviral activity/synthesis 5074.
derivatives, antiviral activity 1740.
effects on influenza A virus infected cell culture, RNA polymerase (RNA-dependent) induction/polyribosomes formation 2906.
effects on oncornavirus activity/multiplicity 6552.
effects on red clover mottle virus replication, Pisum sativum 7774.
effects on tobacco mosaic virus RNA biosynthesis, infected plants 4149.
efficacy, man 2453.
inhibition-apple chlorotic leaf spot virus replication, Chenopodium quinoa 6807.
inhibition-Sindbis virus cytopathogenesis/production, Aedes albopictus cells 3653.
inhibition-subacute sclerosing panencephalitis virus/measles virus replication in vitro 998.
inhibition-tomato white necrosis virus infection, Lycopersicon esculentum 2457.
phosphate derivatives, antiviral activity 997.
synthesis, antiviral activity 294.
treatment-calicivirus (feline) infection, cats 1237.
treatment-hepatitis B surface antigen positive chronic liver diseases 1175.
treatment-herpes simplex virus infection, skin, guinea-pigs 3885.
treatment-influenza A virus experimental infection, mice 6107.
treatment-viruses infection, children 3837.
Ribes rubrum,
tomato ringspot virus detection, New Zealand 6132.
yield/Ribes, gooseberry vein banding virus infection effects on 8442.

Ribonuclease,
activity, interferon 7898.
activity, interferon treated L cells, mengovirus infection effects on 4123.
analysis-Rous sarcoma virus RNA 2126.
characterization, phage AS-1 infected Anacystis nidulans 8433.
digestion, phage MS2 RNA fragments 602.
digestion-poliovirus 1 RNA, 5′-terminus containing fragments, identification 632.
DNA polymerase associated, DNA biosynthesis, avian myeloblastosis virus 7745.
effects on chronic bee paralysis virus, Apis mellifera 3324.
Escherichia coli, cleavage-poliovirus RNA 4676.
Escherichia coli, phage T4 tRNA specificity, characterization/purification 723.
oligonucleotides, comparison-HIX virus/Moloney leukaemia virus 1374.
Rous sarcoma virus, N-methyl isatin β-thiosemicarbazone-copper complex effects on 770.
sensitivity, detection-cucumber mosaic virus, infected cells 5359.
Ribonuclease F,
role-interferon activity, L cells 2974.
Ribonuclease H,
activity, associated-oncornavirus DNA polymerase (RNA-dependent), o-phenathroline effects on 7744.
activity, associated-oncornavirus DNA polymerase (RNA-dependent), detection 7752.
associated-Rauscher leukaemia virus/avian myeloblastosis virus DNA polymerase (RNA-dependent), inhibition, RNA 772.
associated-Rauscher leukaemia virus DNA polymerase (RNA-dependent), inhibition, RNA 149.
Ribonuclease III,
cleavage sites, vesicular stomatitis virus RNA/mRNA 4683.
effects on phage φX174 RNA biosynthesis 6305.
Escherichia coli, role-phage T4 tRNA Gln biosynthesis 4769.
Ribonucleolytic activity,
properties, L-929 cells, interferon mediated 898.
Ribonucleoproteins,
assembly, influenza A virus, inhibition, canavanine 4852.
association-chromatin, influenza A virus infected cells 6276.
characterization, coronavirus (murine)/mouse hepatitis virus 7008.
characterization, cytoplasm, Friend leukaemia virus infected cells, mice 6963.
characterization, influenza virus infected cells 1513.
characterization/occurrence, Sendai virus infected Ehrlich ascites tumour cells 2907.
complex, isolation/characterization, avian reticuloendotheliosis virus transformed bone marrow cells, chickens 1495.
complex-poly (C.εC), energy transfer, tobacco mosaic virus 7607.
helix, topography, Sendai virus 6255.
RNA, secondary structure, influenza virus 6219.
mRNA containing, characterization, encephalomyocarditis virus infected Krebs II ascites cells 4748.
structure, coronavirus 2128.
Ribonucleoside-diphosphate reductase,
activity, herpesvirus (equine), role-hydroxyurea resistance 5481.
phage T4, hydroxyurea effects on 4091.
Ribonucleoside-triphosphate reductase,
altered activity, associated-Epstein-Barr virus replication, D98/HR-1 cells/Raji cells 750.
Ribosomal proteins,
Escherichia coli, binding, effects on phage MS2/phage φX174 RNA/DNA structure 703.
Ribosomal subunits,
interaction-phage MS2 RNA 4757.
interaction-reovirus mRNA, edeine effects on 757.
Ribosomes,
antibodies, detection, hepatitis (chronic active), man 8246.
associated protein kinase, SV40 transformed cells, rats 2466.
binding-phage Qβ RNA, initiation complex formation, inhibition, complementary oligonucleotides-Escherichia coli rRNA 16S 3′-terminus 4080.
binding sites, Rous sarcoma virus RNA, coding-gag gene products N-terminus 4133.
chorioallantoic membranes, chick embryos, influenza A virus infection effects on 5544.
Escherichia coli, binding-phage Qβ RNA, tRNA (formylmethionyl) effects on 6970.
Escherichia coli/Pseudomonas aeruginosa, binding sites-phage PP7 coat protein cistrons, identification/nucleotide sequence 5521.
eukaryotes, interaction-reovirus mRNA, role-coding sequence 6336.
function, regulation, phage T4 infection, Escherichia coli 109.
influenza virus infected chorioallantoic membrane, ammonium chloride/potassium chloride/puromycin effects on 6359.
Nicotiana, sonchus yellow net virus infected, sonchus yellow net virus RNA sequence complementarity 7778.
RNA binding, competition-RNA 4, brome mosaic virus 6363.
streptomycin resistant mutant Escherichia coli, suppression-

IRL©1979

Ribosomes,(continued)
phage f2 mutants 5548.
wheat germ, binding-tobacco mosaic virus/turnip yellow mosaic virus mRNA 5′-terminus 7779.
Rice dwarf virus,
ecology, mathematical models 2755.
Rice ragged stunt virus,
epidemiology/symptoms/transmission, Oryza latifolia/Oryza nivara/Oryza sativa 3933.
Rice tungro,
virus-like particles association/characterization, symptomatology/transmission-Nephotettix virescens, Oryza sativa 5378.
Rice tungro virus,
host range 5364.
inactivation, ferulic acid 8026.
infection, detection-abscisic acid/physiology, Oryza sativa 5361.
infection, incidence/symptoms, Oryza sativa nitrogen fertilizers effects on 8445.
infection, Oryza sativa, effects on chlorophyll levels/cytokinin activity 1294.
resistance, assays, Rhizoctonia solani 7471.
transmission, Nephotettix virescens, Oryza sativa, prophylaxis, insecticides 8464.
Rice waika virus,
characterization/incidence/transmission-Nephotettix, Oryza sativa, Japan 5385.
transmission, Nephotettix, Oryza 6138.
Rice yellow dwarf virus,
disease resistance, Oryza sativa, growth stage effects on 3338.
Ricinus communis,
agglutinins, conjugate-ferritin, binding-mammary tumour virus strains, tumour cells, mice 4381.
Rifamycin,
derivatives, inhibition-simian sarcoma virus DNA polymerase (RNA-dependent) 4143.
effects on phages RNA replication 696.
Rift Valley fever,
animal models, rodents 6768.
outbreaks, clinical manifestations/diagnosis/epidemiology, man, Rhodesia 5205.
Rift Valley fever virus,
clinical manifestations/experimental infection, sheep 8411.
encephalitis, man, case reports 4432.
strains, antigenic relationship 7880.
ultrastructure 4037.
Rimantadine,
antiviral activity, influenza A virus 5066.
effects on influenza A virus protein biosynthesis, embryo fibroblasts, chickens 5543.
inhibition-influenza A virus replication, in vitro, mechanisms 5507.
inhibition-influenza A virus uncoating 6960.
treatment-influenza A virus experimental infection, mice 6107.
Rimantadine hydrochloride,
inhibition-influenza A virus replication in vitro 3430.
Rinderpest,
control, domestic animals, review 3881.
mouth lesions, histopathology 6738.
outbreaks, skin lesions, cattle, India 495.
Rinderpest virus,
antigenic relationship-peste des petitis ruminants virus 7888.
antigens, preparation, use-complement fixation 7867.
strains, antigenic characteristics/isolation, goats/sheep, Nigeria 7417.

RNA,
accumulation, adenovirus (human) 5 temperature-sensitive mutant, infection, KB cells 743.
AKR leukaemia virus specific, detection, AKR cells 6598.
alkylated, modification-phage T7 genes DNA 6197.
alphavirus, review 2894.
amphotropic/ecotropic/Mus musculus murine leukaemia virus, inbred mice/mice 1373.
analysis, influenza A virus recombinants genomes 1379.
analysis, nuclease/ribonuclease, Rous sarcoma virus 2126.
antibodies detection, multiple sclerosis/subacute sclerosing panencephalitis 1945.
assembly, initiation, papaya mosaic virus 800.
assembly, tobacco mosaic virus 1524.
associated proteins, characterization, cowpea mosaic virus 4707.
associated proteins, characterization, vesicular exanthema virus 652.
associated proteins, purification/characterization, poliovirus 56.
associated proteins, tobacco ringspot virus 6943.
avian myelocytomatosis virus MC29/Mill Hill 2 virus, comparison 5455.
base composition determination, chromatography (high-pressure liquid), cucumber mosaic virus 6225.
binding-ribosomes, competition-RNA 4, brome mosaic virus 6363.
binding-ribosomes, initiation complex formation, phage Qβ, inhibition, complementary oligonucleotides-Escherichia coli rRNA 16S 3′-4080.
binding-VPg protein, poliovirus 1 651.
biosynthesis, vesicular stomatitis virus, defective-interfering particles replication effects on, hamsters kidney cells 3472.
biosynthesis/characterization, SV40, BSC-1 cells 735.
c.d., turnip rosette virus 644.
c.d./interaction-ethidium bromide, potato spindle tuber viroid 5457.
cadang-cadang disease virus associated, complementary DNA biosynthesis/characterization 7016.
capping/methylation, mechanisms, in vitro, influenza virus 1512.
caps 5′terminus/promoters nucleotide sequence, comparison, adenovirus (human) 2 2885.
chains elongation, phage Qβ RNA biosynthesis 712.
chains termination sites, adenovirus (human) 2, 5,6-dichloro-1-β-D-ribofuranosylbenzimidazole effects on, infected HeLa cells 7705.
characterization, avian leucosis virus MC29 3998.
characterization, C-type virus, myeloma, mice 4681.
characterization, cadang-cadang disease virus 7604.
characterization, DNA polymerase (RNA-dependent) deficient/positive avian reticuloendotheliosis virus/Rous sarcoma virus 4132.
characterization, ECHOvirus 12 4701.
characterization, Heliothis armigera cytoplasmic polyhedrosis virus 4003.
characterization, influenza virus defective-interfering particles 1378,
characterization, potato spindle tuber viroid 4688, 7645.
characterization, Rous sarcoma virus, revertant/transformed Microtus agrestis cells 3470.
characterization, transformation temperature-sensitive mutant Rous sarcoma virus 3680.
characterization/isolation, mengovirus 6209.
characterization/isolation, potato leafroll virus 6924.
chlorine incorporation, pH effects on, phage f2 6714.
circular, phosphodiesters cleavage, chrysanthemum chlorotic

RNA,(continued)
mottle viroid/chrysanthemum stunt viroid/citrus exocortis viroid/cucumber pale ruit viroid/potato spindle tuber viroid 6247.
citrus exocortis viroid, accumulation, Agrobacterium tumefaciens + citrus exocortis viroid infected Lycopersicon esculentum 7467.
cleavage, Escherichia coli ribonuclease III, poliovirus 4676.
coat protein cistrons, binding sites-Escherichia coli/Pseudomonas aeruginosa ribosomes, identification/nucleotide sequence, phage PP7 5521.
coding, relationship-anticodons interaction-codons, phage MS2 4864.
comparion, influenza A virus strains 7092.
complementary, transfer-globin mRNA 5′-terminus caps, during transcription, influenza virus 4833.
conformation, melting analysis, viroids 6923.
content, Lagenaria vulgaris leaves, bottlegourd mosaic virus effects on 2037.
content, Rauscher leukaemia virus transformed cells 1037.
Corynebacterium diphtheriae, hybridization-phage β DNA 186.
covalent bonding-proteins, encephalomyocarditis virus 7612.
cytokinins activity, tobacco mosaic virus 4010.
cytoplasmic, transfer-Fv-1 locus specific resistance, oncornavirus (murine)-B-tropic/N-tropic, embryo cells, mice 2486.
cytoplasmic/nuclear polyribosomes, comparison, adenovirus (human) 2 infected HeLa cells 6987.
deletion, mapping, poliovirus defective-interfering particles 4674.
detection, BALB/c mice tumour cell lines, mammary tumour virus 1800.
detection, ganglia, man, herpes simplex virus 2 6269.
detection, hybridization, viruses 2783.
detection, Lycopersicon esculentum tumour cells, citrus exocortis viroid + Agrobacterium tumefaciens infection 1281.
double-stranded, characterization/isolation, tobacco necrosis virus 7780.
double stranded, coded polypeptides, characterization, reovirus 3 2138.
double-stranded, degradation, serum enzymes, Penicillium chrysogenum virus 637.
double-stranded, denaturation, phage φ6/mengovirus 24, 605.
double-stranded, effects on proteins phosphorylation, interferon treated/viruses infected L929 cells 2340.
double-stranded, effects on mRNA degradation, interferon treated embryo cells, chickens 4961.
double-stranded, induction-interferon, in vivo, review 2360.
double-stranded, infectivity/conversion-replicative intermediates, mengovirus 7733.
double-stranded, melting/reassociation, encephalomyocarditis virus 2786.
double-stranded, phages, induction-interferon/treatment-viruses infection, man 1647.
double-stranded, Saccharomyces cerevisiae, comparison-viruses defective-interfering particles 17.
double-stranded, segments, identification, reovirus 633.
double-stranded, strands specific attachment, poliovirus, reaction-avidin + biotin 4675.
double-stranded, transcription, Aspergillus foetidus virus S 2213.
double-stranded, virus-like particles, homology-DNA, Saccharomyces cerevisiae 1353.
double-stranded/single-stranded, infectivity/sedimentation, lettuce speckles mottle virus 7606.
early, regulation, adenovirus (human) 2 3456.
efflux, cordycepin-inhibition, SV40 transformed 3T3 cells 6575.

electron microscopy/mapping, encephalomyocarditis virus/poliovirus 1/poliovirus 3 3995.

encapsidation intermediates, infectivity, tobacco mosaic virus 6373.
encapsulation, characterization, cowpea chlorotic mottle virus/tobacco mosaic virus coat protein 1522.
encapsulation-liposomes, poliovirus 6273.
Epstein-Barr virus, occurrence-Burkitt's lymphoma 4118.
expression-mammary gland cells, mice, mammary tumour virus 2210.
fingerprinting analysis, Venezuelan equine encephalomyelitis virus isolates 6212.
fractionation/structure, San Miguel sealion virus 6210.
fragments, ribonuclease digestion/ketoxal modification, phage MS2 602.
free/ribonucleoproteins, secondary structure, influenza virus 6219.
gene mapping, influenza B virus 2788.
genomes, deficient mutants, characterization, Rous sarcoma virus 2227.
genomes, size, Rous sarcoma virus transformation mutants 6914.
genomes segments, size determination, influenza virus 4684.
glycoproteins coding, identification, La Crosse virus/snowshoe hare virus 6995.
haemagglutinin coding, genetic relationship, influenza virus strains 3558.
heterologous, encapsidation-papaya mosaic virus proteins 4854.
high molecular weight, characterization, oncornavirus, melanoma B16, mice 1780.
high molecular weight, 3′-terminus, labelling, phage T4 RNA ligase 4087.
high molecular weight, translation, cell-free system, vaccinia virus 1487.
high molecular weight polypeptides termination codons, identification, tobacco mosaic virus 1517.
homology, eucharis mottle virus/potato black ringspot virus/tobacco ringspot virus strains 6151.
homology-turnip yellow mosaic virus/eggplant mosaic virus/Andean potato latent virus, use-hybridization 645.
incorporation during tobacco mosaic virus assembly 4159.
infection, Nicotiana tabacum protoplasts, bromovirus/tobacco mosaic virus, methodology 1443.
infection-Hordeum vulgare protoplasts, brome mosaic virus, factors affecting 1280.
infectivity, amphotericin B methyl ester effects on, encephalomyocarditis virus, L929 cells 3436.
infectivity, characterization, mengovirus 3996.
infectivity/translation, phage MS2, benzo(a)pyrene diolepoxide effects on 4758.
inhibition-Rauscher leukaemia virus/avian myeloblastosis virus DNA polymerase (RNA-dependent) associated ribonuclease H 772.
inhibition-Rauscher leukaemia virus DNA polymerase (RNA-dependent) associated ribonuclease H 149.
initiation-DNA biosynthesis, phages/viruses, review 2866.
initiation sites, mapping, adenovirus (human) 2 4665.
initiator, biosynthesis/distribution, polyoma virus DNA replication 731.
interaction-coat protein, alfalfa mosaic virus, transitions enthalpy 6371.

IRL©1979

RNA,(continued)
interaction-proteins, tobacco mosaic virus, fluorescence, spin labelling 3414.
interaction-proteins, tomato bushy stunt birus 677.
interaction-ribosomal subunit 30S, inhibition, ribosomal subunit 50S, phage MS2 4757.
intracellular, structure analysis, mammary tumour virus 6350.
isolation, avian myeloblastosis virus 6157.
isolation, methodology, mengovirus 3950.
isolation, Rous sarcoma virus infected cells, methodology 6860.
isolation methodology, nucleotide sequence analysis, phage Qβ 1365.
lacking-5′-terminus proteins, translation, cell-free system, mengovirus 4124.
late, heterogeneity/5′ terminus structure, SV40 4101.
late, occurrence-polyoma virus infected cells 2878.
late, transcription patterns, SV40 2184.
late RNA (heterogeneous nuclear), structure, adenovirus (human) 2 6327.
leader, nucleotide sequence, vesicular stomatitis virus 778, 1376.
low molecular weight, viroids like, occurrence, avocado sunblotch, Persea americana 6198.
mammary tumour virus, expression during mammary glanddevelopment, mice 4383.
map (physical), foot-and-mouth disease virus 631.
mapping, avian myelocytomatosis virus MC29 4678.
mapping, fowl plague virus recombinants 4190.
mapping, location-non homologous sequence, gibbon ape leukaemia virus/woolly monkey virus 4000.
mapping, transducing phage φ80 4643.
molecular weight determination, nepoviruses 640.
Moloney leukaemia virus, homology-DNA-leukaemia cells, man 8115.
myxovirus, review 1511.
nuclear, coding capsid protein, in vitro, polyoma virus 732.
nuclear, poly (A) containing, topography, polyoma virus 4776.
nucleotide sequence, comparison, Bunyamwera virus/California encephalitis virus/La Crosse virus isolates 7592.
nucleotide sequence, comparison-influenza A virus strains 6920.
nucleotide sequence, comparison-Rous-associated virus/Rous sarcoma virus 2125.
nucleotide sequence, loss, Moloney sarcoma virus transformed 3T3 cells, revertants 3699.
nucleotide sequence, oncornavirus (avian) env gene 45.
nucleotide sequence, oncornavirus, presence, human leukaemia cells 2521.
nucleotide sequence, tandem repeats, polyoma virus 616.
nucleotide sequence, vesicular stomatitis virus defective-interfering particles, RNA polymerase products 636.
nucleotide sequence, vesicular stomatitis virus defective-interfering particles 780.
nucleotide sequence analysis, phage Qβ coat protein cistrons 1364.
nucleotide sequence complexity, poliovirus strains 7590.
nucleotide sequence homology-AKR leukaemia virus/mink cell focus-inducing virus 6217.
nucleotide sequence homology-endogenous oncornavirus-Mus cervicolor/A-type particles-Mus musculus 6215.
nucleotide sequence homology-Moloney sarcoma virus strains 47.
nucleotide sequence mapping, influenza virus defective-interfering particles 7600.
nucleotides analogues insertion, mutagenesis, sites specificity, phage Qβ 4173.
occurrence-poly (A), tobacco etch virus 4009.
occurrence-5′-terminus caps, barley stripe mosaic virus 6224.
oligonucleotides, yeasts, interaction-tobacco mosaic virus proteins 7024.
oligonucleotides mapping, Sindbis virus defective-interfering particles 3997.
oncornavirus (avian) mutants, role-mRNA 4805.
oncornavirus like, defective, cells, mice/rats, packaging, C-type virus, effects on infectivity 4363.
origin, influenza virus von Magnus particles 4001.
phage Qβ, binding-Escherichia coli ribosomes, tRNA (formylmethionyl) effects on 6970.
photoinactivation, psoralen derivatives, Western equine encephalitis virus 175.
physicochemical properties, coronavirus (murine) 635.
physicochemical properties, coronavirus (bovine) 2129.
physicochemical properties, Tilligerry virus 44.
poly (A) containing, bound proteins, identification, reovirus 7613.
poly (A) containing, characterization, herpes simplex virus 2 3994.
poly (A) content, raspberry ringspot virus/strawberry latent ringspot virus/tobacco ringspot virus/tomato black ring virus/tomato ringspot vrus 6925.
poly (A) sequences, vesicular stomatitis virus 1377.
poly (A) sequences detection, barley stripe mosaic virus 2131.
poly (C) tracts, location/sequence, encephalomyocarditis virus/foot-and-mouth disease virus 6208.
polyadenylation/reverse transcription, influenza virus 4834.
primers, use, nucleoside diphosphates polymerization, polynucleotide phosphorylase, role-radiation (u.v.) treated phage T2 DNA 4765.
properties, cytoplasmic polyhedrosis virus, comparison-Bombyx mori/Dendrolimus spectabilis/Lymantria dispar 4002.
properties, use-differentiation-rotavirus strains 2124.
proteins recognition during in vitro reconstitution, brome mosaic virus 6372.
purification, methodology, adenovirus (human) 2 3370.
Rauscher leukaemia virus genomes, intracellular distribution, determination 3471.
related-adenovirus (human) 2, occurrence-normal human tissues 4788.
relationship-endogenous oncornavirus (simian) strains 6218.
reovirus, interaction-RNA polymerase, GMP methyl derivatives effects on 1489.
replication, brome mosaic virus, chick embryos 4837.
replication, role-phage Qβ RNA polymerase (RNA-dependent), mechanisms 6308.
replication/structure, oncornavirus, review 7203.
replication/structure, tobacco rattle virus, review 2846.
replication/structure, vesicular exanthema virus 2192.
replicative form, phage f2, antiviral activity/induction-interferon 5653.
replicative form, translation, cell-free system, encephalomyocarditis virus 4800.
ribonuclease digestion, 5′-terminus containing fragments, identification, poliovirus 1 632.
ribonuclease oligonucleotides, localization/nucleotide sequence, phage Qβ 1363.
ribosomes binding sites coding-gag gene products N-terminus, Rous sarcoma virus 4133.
ribosomes protected fragments, characterization, Sindbis virus 6994.
mRNA activity, Rous-associated virus 2 envelopes

RNA,(continued)
glycoproteins 4134.
RNA polymerase templates activity/structure, photochemical cross-linking, reovirus 2893.
mRNA properties, capping effects on, satellite tobacco necrosis virus 4842.
RNA 26S, isolation, Sindbis virus, use-complementary DNA cellulose chromatography 6155.
RNA 3, encapsidation/occurrence, tomato black ring virus strains 4692.
RNA 3, messenger properties, tomato black ring virus 4843.
RNA 35S, avian myeloblastosis virus, binding-tRNA Trp, cattle, role-DNA polymerase (RNA-dependent) 7748.
RNA 35S termini, polydeoxyribonucleotides, synthesis, Rous sarcoma virus 4679.
RNA 37S, 3′-terminus poly (A) segments length, relationship infectivity, foot-and-mouth disease virus 7589.
RNA 5, cucumber mosaic virus, effects on symptoms expression, plants 7605.
Rous sarcoma virus, isonicotinic acid hydrazide-copper complex effects on 6551.
Rous sarcoma virus specific, recovery, deletion mutant induced tumours 4136.
satellite, nucleotide sequence, cucumber mosaic virus associated 643.
satellite RNA, characterization, cucumber mosaic virus 6226.
segments, characterization/isolation, Rous sarcoma virus 6213.
segments coding nucleocapsid protein, identification, La Crosse virus/snowshoe hare virus 6236.
self-complementary, stability, herpes simplex virus infected cells 1479.
sequence, adenovirus (human) 5, detection, transformed kidney embryo cells, man 4789.
sequence, Rous sarcoma virus transformation defective mutant induced tumours, comparison-Rous sarcoma virus/ transformation defective 2787.
sequence determination, B-tropic/N-tropic/N-,B-tropic C-type virus 3399.
sequence homology, alfalfa mosaic virus/RNA, comparison 4008.
simian sarcoma-leukaemia virus specific, detection, infected cells, use-hybridization 5541.
sonchus yellow net virus, sequence complementarity-infected Nicotiana ribosomes 7778.
specific fragmentation, phage MS2/phage R17 7563.
specificity, papaya mosaic virus assembly 801.
spliced late, mapping, SV40 125.
splicing, adenovirus (human) 2 mRNA formation 1477.
splicing, electron microscopy, Moloney leukaemia virus 634.
splicing, relationship-SV40 gene expression, stem cells, mice 7700.
stability, adenovirus, daunomycin/ethidium bromide/ proflavine effects on 619.
stability in vitro/in vivo, satellite cucumber mosaic virus/ satellite tobacco necrosis virus 4691.
structure, alfalfa mosaic virus coat protein subunits effects on 641.
structure, avian infectious bronchitis virus/coronavirus (human)/mouse hepatitis virus 3402.
structure, blackgram mottle virus 7642.
structure, bluetongue virus 4677.
structure, c.d., phage F2 4637.
structure, comovirus, review 2834.
structure, comparison-influenza A virus strains 6919.
structure, electron microscopy, avian myelocytomatosis virus 3397.
structure, methylation status, dengue virus 2 7591.
structure, phage MS2, Escherichia coli ribosomal proteins binding, effects on 703.
structure, potato spindle tuber viroid 2791.
structure, visna virus 826.
structure, X-ray crystallography, tomato bushy stunt virus 2132.
structure/genetic analysis, influenza virus, review 2130.
structure/templates activity, radiation (u.v.) effects on, phage Qβ variants 4763.
templates, reverse transcription products characterization, Andean potato latent virus/turnip yellow mosaic virus 7772.
templates recognition, RNA polymerase (RNA-dependent), cowpea mosaic virus 3477.
3′-terminus, binding-protein (coat), alfalfa mosaic virus 784.
3′-terminus, homology, phages 7559.
5′-terminus, linkage-proteins, characterization/cleavage, poliovirus 2123.
5′-terminus, nucleotide sequence, alfalfa mosaic virus 4686.
N-terminus, nucleotide sequence, influenza virus strains 3400.
3′terminus, nucleotide sequence, picornavirus genome 1372.
5′-terminus, nucleotide sequence, SV40 1367.
3′-terminus, nucleotide sequence, tobacco mosaic virus 4689.
5′-terminus, sequence analysis, Spring viremia of carp virus 6353.
N-terminus coding region-influenza A virus matrix protein, nucleotide sequence 7601.
3′-terminus fragments, base pairs structure, coat protein effects on, alfalfa mosaic virus 4687.
5′-terminus nucleotide sequence, satellite tobacco necrosis virus 4690.
3′-terminus nucleotide sequence, vesicular stomatitis virus 7597.
5′-terminus nucleotide sequence, vesicular stomatitis virus 7598.
3′-terminus nucleotide sequences, encephalomyocarditis virus 42.
5′-terminus regions nucleotide sequence, cucumber mosaic virus 6246.
3′-terminus/5′-terminus nucleotide sequence analysis, fowl plague virus 7599.
transcription, adenovirus (human) 2, review 4785.
transcription, Aspergillus foetidus virus AfV-S 93.
transcription, avian myeloblastosis virus DNA polymerase (RNA-dependent), cowpea mosaic virus 2908.
transcription, phage T3, Escherichia coli RNA polymerase, secondary structure effects on 5523.
transcription, regulation, herpes simplex virus 1 7717.
transcription, regulation, matrix protein, vesicular stomatitis virus 4826.
transcription mapping, rabies virus 777.
transcription products, influenza virus, accumulation, nuclei, MDCK cells, antibiotics effects on 4145.
transcription/translation, rotavirus (bovine), rabbits reticulocyte lysate 7737.
transfection, liver cells, enhancement, protamines/histones, poliovirus 2092.
transformation specific sequence, avian erythroblastosis virus 8077.
translation, Abelson leukaemia virus, Xenopus laevis oocytes 1505.
translation, alfalfa mosaic virus infected Nicotiana tabacum 2215.
translation, carnation mottle virus, wheat germ cell-free system, regulation, 3′-terminus-role 2216.
translation, cell-free system, alfalfa mosaic virus 7015.
translation, cell-free system, products analysis, cowpea

IRL©1979

RNA,(continued)
chlorotic mottle virus 7775.
translation, eggplant mosaic virus, reticulocyte lysate/wheat germ extracts 3478.
translation, heterologous cell-free system, bovine leukaemia virus 4812.
translation, in vitro, requirement-caps, tobacco mosaic virus 4841.
translation, in vitro, role-initiation factors, phage MS2 4756.
translation, initiation products, characterization, poliovirus, cell-free system, HeLa cells 4125.
translation, initiation sites, comparison-poliovirus 1 strains 141.
translation, initiation sites, cowpea mosaic virus/tobacco mosaic virus 6364.
translation, mengovirus, Acetabularia cytoplasm 754.
translation, oncornavirus, review 4804.
translation, poliovirus, reticulocyte lysate, rabbits 1488.
translation, precursors polypeptides phosphorylation, mammary tumour virus 1507.
translation, reticulocyte lysate, encephalomyocarditis virus, analysis kinetics 6333.
translation, tobacco mosaic virus, Acetabularia cytoplasm 2910.
translation, wheat germ cell-free system, eggplant mosaic virus 4839.
translation fidelity, tobacco mosaic virus, spermidine effects on 6365.
translation in vitro, encephalomyocarditis virus/tick-borne encephalitis virus 2891.
translation in vitro, products identification, West Nile virus 7741.
translation in vitro, vaccinia virus infected cells 7731.
translation products, identification/initiation, poliovirus 1 6993.
translation studies, turnip yellow mosaic virus 7781.
vesicular stomatitis virus, ribonuclease III cleavage sites 4683.
viroids like, isolation, avocado sunblotch, Persea americana 6223.
virus-specific, nucleotide sequence, Rous sarcoma virus transformed mammalian cells 3123.
viruses like, occurrence-cells, mice 4352.
tRNA (formylmethionyl),
effects on phage Qβ RNA binding-Escherichia coli ribosomes 6970.
mRNA (guanine-7-)-methyltransferase,
inhibition, sinefungin, Newcastle disease virus/vaccinia virus 1486.
RNA (heterogeneous nuclear),
complex-proteins, characterization, SV40 infected kidney cells 4104.
mRNA (nucleoside-2′-)-methyltransferase,
characterization/purification, vaccinia virus 1484.
characterization/substrate specificity, vaccinia virus 1485.
inhibition, sinefungin, vaccinia virus 1486.
RNA biosynthesis,
absence, effects on cytopathology, enterovirus (bovine), in vitro 6170.
adenovirus (human) 12, KB cells 6329.
adenovirus (human) 2, 5,6-dichloro-1,β-D-ribofuranosylbenzimidazole effects on 4783.
adenovirus (human) 5 temperature-sensitive mutant, regulation, DNA-binding protein 4111.
alphavirus, review 2894.
avian myeloblastosis virus, transformed cells, actinomycin D/daunomycin effects on 1494.
avian myeloblastosis virus virions, relationship-reverse transcription 4129.
avian sarcoma virus, embryo fibroblasts, chickens, AMP (dibutyryl cyclic) effects on 765.
cell-free system, construction/properties, phage T4 4089.
complementary, snowshoe hare virus temperature-sensitive mutant/wild type 7743.
cowpea mosaic virus, inhibition, actinomycin D 4148.
double-stranded, virus-like particles, Saccharomyces cerevisiae 4753.
Drosophila virus X virions associated RNA polymerase, in vitro 783.
early, vaccinia virus, in vitro, inhibition, zinc 2191.
Friend leukaemia virus, effects on mice 4814.
in vitro, vesicular stomatitis virus infected HeLa cells, extracts 7760.
induction requirements, phage λ repressors inactivation, Escherichia coli 842.
influenza A virus, florenal effects on 1736.
inhibition, encephalomyocarditis virus, relationship-2′,5′-oligo (A) polymerase activity, interferon treated HeLa cells 6463.
initiation, adenovirus (human) 2, HeLa cells 2886.
initiation, role-protein P1, influenza A virus 3475.
initiation in vitro, vesicular stomatitis virus, role-ATP 4828.
initiator, during nucleotides depletion, polyoma virus 6316.
killer factor, virus-like particles, Saccharomyces cerevisiae 92.
mammary tumour virus, embryos carcinoma cells/teratocarcinoma myoblasts 7005.
mechanisms, Penicillium stoloniferum virus S RNA polymerase (RNA-dependent) 2214.
mengovirus/Rous sarcoma virus, fibroblasts, chickens/mice, dimethyl-10,12-benz(a)acridine effects on 7734.
N-methyl-N-nitrosourea effects on, in vitro, mengovirus 3464.
Moloney leukaemia virus, interferon treated cells, mice 1504.
mot gene mutation effects on, phage T4 3451.
myeloma cells, mice, inhibition, vesicular stomatitis virus transcription requirements 4751.
myeloma cells, mice, inhibition-radiation (u.v.) treated vesicular stomatitis virus 6358.
Nicotiana tabacum RNA polymerase (RNA-dependent), tobacco mosaic virus 3479.
phage φX174, Escherichia coli ribonuclease III/termination factor rho effects on 6305.
phage φ6, Pseudomonas phaseolicola 708.
phage φ6 temperature-sensitive mutant, characterization 812.
phage M13, Escherichia coli minicells 2872.
phage T7 2177.
poly (A) containing, adenovirus (human) 2 740.
rabies virus, BHK-21 cells 1508.
radiation (u.v.) treated influenza virus 7766.
regulation, adenovirus (human) 2 4108.
regulation, coat protein mutants, RNA containing phages 4068.
RNA chains elongation, phage Qβ 712.
RNA polymerase (RNA-dependent), cowpea chlorotic mottle virus/tobacco mosaic virus, inhibition, cordycepin triphosphate 4147.
RNA polymerase products, heterogeneity, Rous sarcoma virus 767.
Sindbis virus 760.
Sindbis virus, Aedes albopictus cells, methionine deprivation effects on 4127.
single-stranded, deficient temperature-sensitive mutant, tobacco mosaic virus 4150.
studies, viruses, use-amanitins, review 1449.
temperature-sensitive mutant, characterization, tobacco

RNA biosynthesis,(continued)
mosaic virus 1515.
temperature-sensitive mutant isolation, Venezuelan equine encephalitis virus 5574.
termination, adenovirus (human) 2 4786.
tobacco mosaic virus, Acetabularia 4840.
tobacco mosaic virus, Nicotiana, methyl benzimidazol-2-yl-carbamate effects on 2059.
tobacco mosaic virus, ribavirin effects on 4149.
vaccinia virus, cytoplasm/nuclei, HeLa cells 5532.
vesicular stomatitis virus, cells, man/monkeys, interferon effects on 3563.
vesicular stomatitis virus, inhibition, frog virus 3, mechanisms, BHK cells 779.
vesicular stomatitis virus defective-interfering particles 780.
vesicular stomatitis virus host-restricted mutant, nonpermissive cells, man 6357.
vesicular stomatitis virus infected BHK cells/HeLa cells 7011.
vesicular stomatitis virus temperature-sensitive mutant 2212.
West Nile virus/Uganda S virus, BHK-21 cells/Aedes albopictus cells 1490.
western equine encephalitis virus, embryo cells, chickens, cycloheximide effects on 2895.

RNA ligase,
activity, phage T4 1467.
addition-oligonucleotides, DNA 5′-terminus, phage T4 4085.
assays/purification, phage T4 5524.
interaction-tRNA 3′-terminus/5′-terminus, phage T4 716.
joining Escherichia coli tRNA oligonucleotides fragments, phage T4 1466.
phage T4, labelling-3′ terminus, high molecular weight RNA 4087.
phage T4, synthesis-Escherichia coli tRNA 111.
purification, chromatography, phage T4 6153.
purification, phage T4 infected Escherichia coli 6310.
mRNA,
accumulation, interferon treated Ehrlich ascites tumour cells 7904.
activity, Rous-associated virus 2 envelopes glycoproteins RNA 4134.
adenosine (N^6-methyl) containing, identification/mapping, SV40 7694.
analysis, phage MS2, use-A protein structure 646.
antiviral protein/interferon, analysis/comparison 5638.
biosynthesis, herpes simplex virus temperature-sensitive mutant 2188.
biosynthesis, SV40 deletion mutant 2881.
capsid protein, initiation/termination sites, localization-phage M13 DNA 99.
characterization, coronavirus (murine)/mouse hepatitis virus 7008.
characterization, interferon, review 2338.
characterization, interferon, Sendai virus treated lymphoblastoid cell lines, man 7899.
characterization, murine sarcoma virus transformed cells 7004.
characterization, phage f1 infected Escherichia coli 4754.
characterization, polyoma virus capsid protein 729.
characterization, visna virus 7007.
characterization/separation, herpes simplex virus 1 6992.
coat protein, alfalfa mosaic virus, requirements, infection, Vigna protoplasts 1514.
containing ribonucleoproteins, characterization, encephalomyocarditis virus infected Krebs II ascites cells 4748.
decay, in vivo, vesicular stomatitis virus 4831.
degradation, double-stranded RNA effects on, interferon treated embryo cells, chickens 4961.
degradation, interferon, mechanism, vesicular stomatitis virus infected cells 1617.
detection, herpes simplex virus acute infection/chronic infection, trigeminal ganglion, mice 745.
detection, mammary tumour virus producer cells, mice 4821.
dihydrofolate dehydrogenase, abundance, control, polyoma virus, methotrexate resistant 3T6 cells 4775.
early, characterization, SV40 736.
early, restriction endonuclease EcoRI fragments, mapping, adenovirus (human) 2 2887.
early, structure, SV40 4781.
early, 5′-terminus caps characterization, adenovirus (human) 2 4787.
early, 5′-terminus characterization, SV40 7702.
early/late, translation products characterization, SV40 6319.
encephalomyocarditis virus, degradation, interferon treated HeLa cells, specificity, mechanisms 7732.
expression, Friend leukaemia virus, Friend erythroleukaemia cells, dimethyl sulphoxide + uridine (bromodeoxy) treatment effects on 7003.
formation, RNA splicing, adenovirus (human) 2 1477.
gene 32, translation, regulation, phage T4 DNA-binding protein 4086.
heteroduplex structure, vaccinia virus 4797.
hexons, non-coding regions 5′-terminus, nucleotide sequence, adenovirus (human) 2 5529.
identification, Sendai virus, cell-free system 154.
interaction-eukaryotes ribosomes, role-coding sequence, reovirus 6336.
interaction-ribosomal subunits, reovirus, edeine effects on 757.
interferon, cells, mice, interferon priming effects on 7108.
interferon, induction-antiviral activity, L929 cells 4969.
isolation, use-gene mapping, methodology, vaccinia virus 7655.
isolation/localization, herpes simplex virus 1 6330.
isolation/localization, in vitro, herpes simplex virus 1 7716.
isolation/translation, adenovirus (human) 12 infected/transformed cells 4790.
late, comparison, adenovirus (human) serotypes 6320.
late, fractionation/translation, phage T7 116.
late, leaders sequence, amplification, polyoma virus 4095.
late, splicing, SV40 4780.
late, 5′-terminus, nucleotide sequence, adenovirus (human) 2 4109.
late, 5′-terminus caps, heterogeneity, SV40 deletion mutant 7703.
late, 5′-terminus caps, structure, polyoma virus 3983.
leader sequence, role-translation, SV40-adeno 2 virus 1474.
leaders, nucleotide sequence determination, methodology, SV40 4102.
leaders segments, nucleotide sequence, adenovirus (human) 2 5530.
mapping, BK virus 7691.
mapping, vesicular stomatitis virus 7596.
metabolism, adenovirus (human) 2 transformed cell lines, rats embryos 4107.
metabolism, cells, interferon effects on, in vitro 1629.
methylated caps structures, analysis, chromatography, vaccinia virus 140.
methylation, vesicular stomatitis virus, inhibition, cycloleucine 4827.
nucleotide sequence, phage MS2/phage φX174/SV40 2871.
nucleotide sequence, phage T4 rIIB gene 4088.

IRL©1979

mRNA,(continued)
nucleotide sequence, relationship-rRNA 3′-terminus, phage MS2 coat protein 1454.
nucleotide sequence, turnip yellow mosaic virus coat protein 788.
nucleotide sequence mapping, adenovirus (human) 2 739.
precursors, identification, avian leucosis virus envelope glycoprotein 1492.
precursors, isolation, adeno-associated virus, methodology 4093.
precursors, splicing patterns, adenovirus (human) 2 DNA-binding protein 6323.
procollagen, biosynthesis, decrease, Rous sarcoma virus infected embryo fibroblasts, chickens 7224.
properties, satellite tobacco necrosis virus RNA, capping effects on 4842.
reovirus, caps methylation, interferon effects on, L929 cells 7112.
role-oncornavirus (avian) mutants RNA 4805.
sequence, related-murine leukaemia virus, abundance/complexity, cell lines, embryos, mice 4138.
spliced structure, Adenovirus (human) 2 fibres 741.
stability, role-interferon superinduction, 5,6-dichloro1-β-D-ribofuranosylbenzimidazole, fibroblasts, man 1616.
structure, alfalfa mosaic virus coat protein subunits effects on 641.
structure, effects on biosynthesis rate, coat protein, phage MS2 6299.
structure, SV40 leaders segments mutants 2884.
5′-terminus, nucleotide sequence, reovirus 758.
5′-terminus, tobacco mosaic virus/turnip yellow mosaic virus, binding-wheat germ ribosomes 7779.
5′-terminus caps, adenine (N^6-methyl)/guanine (7-methyl) containing, recognition, antibodies, adenovirus (human) 2 6988.
5′ terminus caps, transfer-influenza virus complementary RNA, during transcription 4833.
5′-terminus leaders sequences, characterization, SV40 infected cells 123.
3′-terminus nucleotide sequence, vesicular stomatitis virus protein N 1509.
5′-terminus sequence heterogeneity, SV40 7696.
transcription, globin, Friend erythroleukaemia cells, interferon effects on 2980.
transcription, influenza virus, radiation (u.v.) effects on 7765.
transcription unit production, review 6982.
translation, caps analogues effects on, satellite tobacco necrosis virus/tobacco mosaic virus, in vitro 3401.
translation, cell-free system, mammary tumour virus 4818.
translation, cell-free system, Rauscher leukaemia virus 4140.
translation, cell-free system, SV40 4779.
translation, cytomegalovirus, infection, embryo cells, mice, salt concentration effects on 749.
translation, in vitro/in vivo, interferon-L929 cells 211.
translation, mammary tumour virus env gene/gag gene 5540.
translation, role-guanosine (7-methyl) caps, reovirus/vesicular stomatitis virus 4144.
translation, vaccinia virus, isatin-β-thiosemicarbazone effects on 7730.
translation, viruses, interferon effects on 2328.
translation, wheat germ cell-free system, inhibition, guanosine caps analogues, brome mosaic virus 7773.
translation/transcription, Newcastle disease virus, in vitro 782.
transposition, avian sarcoma virus genomes 5′-terminus 766.
vaccinia virus, methylation, interferon treated cells, chickens 4120.
vesicular stomatitis virus, ribonuclease III cleavage sites 4683.
mRNA guanylyltransferase,
activity/characterization, vaccinia virus 138.
purification, vaccinia virus 137.
tRNA methyltransferase,
Escherichia coli, methylation-tobacco mosaic virus tRNA 1516.
RNA polymerase,
activity, associated-phage φ6 capsids 6307.
activity, Epstein-Barr virus positive lymphoblastoid cell lines 2089.
activity, myeloma cells, mice, vesicular stomatitis virus infection effects on 7545.
associated-Drosophila virus X virions, RNA biosynthesis in vitro 783.
Bacillus subtilis/Escherichia coli, transcription selectivity, phage SPO1 infection effects on 6406.
bacterial, utilization-phage T7 DNA promoters/terminators sites 6312.
binding-oligonucleotides, phage T7 2876.
binding sites, distribution, phage P4 chromosomes 7569.
binding sites, phage λ DNA, mapping, electron microscopy 97.
calf thymus, transcription-polyoma virus DNA, in vitro 730.
calf thymus/Escherichia coli, transcription-SV40 minichromosomes DNA 7701.
calf thymus/wheat germ, interaction-SV40 double-stranded DNA 7699.
Caulobacter crescentus/Escherichia coli, transcription-phage fd replicative form DNA 6294.
characterization, phage N4 100.
cytomegalovirus induction, diploid cells, man 135.
Escherichia coli, binding-phage λ promoters 2867.
Escherichia coli, binding sites, localization, phage S13/phage φX174 DNA 105.
Escherichia coli, binding sites, localization, phage φX174/phage S13 DNA, electron microscopy 2172.
Escherichia coli, binding sites-phage M13 single-stranded DNA, characterization 704.
Escherichia coli, complex-adenovirus (humam) 2 DNA, poly (I) effects on 6986.
Escherichia coli, interaction-phage T7 DNA 114.
Escherichia coli, interaction-phages DNA 3453.
Escherichia coli, phage T7 promoters unwinding 7687.
Escherichia coli, promoters, identification, phage λ DNA 701.
Escherichia coli, secondary structure effects on phage T3 RNA transcription 5523.
influenza A virus temperature-sensitive mutant/wild type, comparison 7768.
inhibition, 4′-6-diamidino-2-phenylindole, Friend leukaemia virus 566.
oncornavirus, review 144.
phage T7 induced, complex-oligonucleotides 6311.
phage T7 specific, transcription-phage T7 DNA containing modified nucleotides 115.
products, heterogeneity, Rous sarcoma virus RNA biosynthesis 767.
promoters, nucleotide sequence, phage T7 5449.
properties, influenza virus 6361.
Rauscher leukaemia virus infected spleen, mice, methotrexate effects on 7755.
role-phage T4 gene expression 726.
studies, viruses, use-amanitins, review 1449.
β-subunit biosynthesis, Escherichia coli, regulation, role, phage λ 841.
templates activity, photochemical cross-linking, reovirus

RNA polymerase,(continued)
RNA 2893.
transcription-SV40 DNA late strands 4103.
RNA polymerase (RNA-dependent),
activity, vesicular stomatitis virus temperature-sensitive mutant 6355.
assays, lettuce necrotic yellow virus infected Nicotiana glutinosa 2909.
characterization, Pichinde virus 4824.
characterization/purification, phage SP, infected Escherichia coli 1462.
characterization/purification, poliovirus 7735.
cistrons, nuclease S1 digestion fragments, characterization, phage MS2 4641.
double-stranded RNA biosynthesis, mechanisms, Penicillium stoloniferum virus S 2214.
encephalomyocarditis virus induced, activity, inhibition, Krebs II ascites cells components antibodies 4122.
induction, influenza A virus infected cell culture, ribavirin effects on 2906.
inhibition, reversal, polyanions, vesicular stomatitis virus 153.
Nicotiana tabacum, characterization/purification/role-tobacco mosaic virus RNA biosynthesis 3479.
properties, normal/alfalfa mosaic virus infected Nicotiana 3476.
purification, cucumber mosaic virus induced 7777.
recognition-cowpea mosaic virus RNA templates 3477.
regulation, in vivo, poliovirus 755.
RNA biosynthesis, cowpea chlorotic mottle virus/tobacco mosaic virus, inhibition, cordycepin triphosphate 4147.
role RNA replication, phage Qβ, mechanisms 6308.
templates specificity, phage Qβ/phage SP 4762.
vesicular stomatitis virus, inhibition, envelopes proteins 7762.
Vigna unguiculata, characterization/relationship-tobacco necrosis virus RNA polymerase (RNA-dependent) 3480.
RNA polymerase I,
characterization, spleen, Rauscher leukaemia virus infected mice 8117.
RNA polymerase II,
characterization, spleen, Rauscher leukaemia virus infected mice 8117.
wheat germ, interaction-adenovirus (human) 2 DNA 7709.
RNA polymerase III,
characterization, spleen, Rauscher leukaemia virus infected mice 8117.
rRNA,
biosynthesis, inhibition-puromycin aminonucleoside, SV40 transformed fibroblasts, man 8148.
Escherichia coli, gene mapping, transducing phage λ 3507.
genes, Escherichia coli, cloning, phage λ 3490.
metabolism, relationship-chromosome 21 ploidy, fibroblasts, man, interferon effects on 4962.
molecular weight, electron microscopy, viruses/molecular weight 1450.
SV40 infected BSC-1 cells, cytidine (5-aza) effects on 6318.
3′-terminus, relationship-phage MS2 coat protein mRNA nucleotide sequence 1454.
RNA replication,
control, phages 697.
phage φ6 temperature-sensitive mutant, characterization 812.
phages, rifamycin effects on 696.
tRNA,
binding-replication defective avian sarcoma virus DNA polymerase (RNA-dependent) 1498.
biological properties/nucleotide sequence, oncornavirus (avian) 2198.
characterization, phage RB69/phage T2/phage T4/phage T6 infected Escherichia coli 1461.
effects on avian myeloblastosis virus DNA polymerase (RNA-dependent) inhibition, pyridoxal-5′-phosphate 6998.
Escherichia coli, gene mapping, transducing phage λ 3507.
Escherichia coli, oligonucleotides fragments, joining, phage T4 RNA ligase 1466.
Escherichia coli, synthesis, phage T4 RNA ligase 111.
genes, biosynthesis/isolation, phage T4 4768.
genes, mapping, phage BF23 805.
genes, mapping, transducing phage φ80 4643.
genes, yeasts, cloning, phage λ 4166.
genes containing fragments, isolation, phage T5 DNA 611.
hosts, packaging, murine leukaemia virus 2205.
methylation, cell culture, effects on tRNA methylation 6462.
methylation, Escherichia coli tRNA methyltransferase, tobacco mosaic virus 1516.
methylation, Rous sarcoma virus transformed embryo fibroblasts, chickens, inhibition, adenosine (5-deoxy-5′-S-isobutyl) 1762.
operons products, transcription/isolation, phage T4 724.
protein biosynthesis, misreading, phage MS2 98.
tRNA (peptidyl), vesicular stomatitis virus, isolation-infected HeLa cells 7764.
tRNA Gln, biosynthesis, phage T4, role-Escherichia coli ribonuclease III 4769.
tRNA Lys, codons recognition, phage MS2 coat protein biosynthesis 6300.
specificity, Escherichia coli ribonuclease, characterization/purification, phage T4 723.
3′-terminus/5′-terminus, interaction-RNA ligase, phage T4 716.
Rocio virus,
experimental infection, Passer domesticus 4556.
infection, epidemics, epidemiology, man, Brazil 1900.
Rodents,
Australia, Queensland, cytomegalovirus infection incidence 1219.
brain pathology, rabies virus experimental infection 4561.
foot-and-mouth disease, susceptibility/role-transmission 6756.
laboratories, viruses antibodies incidence 1976.
Romania,
hepatitis B surface antigen/antibodies incidence, man 1921.
influenza outbreaks, role-influenza A virus, man 6695.
influenza virus inactivated vaccines production/administration 921.
subacute sclerosing panencephalitis incidence, man 1191.
Romania, Danube R.,
enterovirus microbial contamination 3222.
viruses incidence 7338.
Ross River virus,
antibodies, assays, immunofluorescence, man 4217.
isolation/pathology, horses, Australia 6745.
Rotavirus,
aetiology, diarrhoea, cats, neonates 7408.
aetiology, diarrhoea, cattle juveniles, Belgium 6054.
aetiology, diarrhoea, incidence, children, Guatemala 8228.
aetiology, diarrhoea, incidence, domestic animals 6743.
aetiology, enteritis, children, review 8182.
aetiology, gastroenteritis, children, Brazil 5923.
aetiology, gastroenteritis, children, France 5924.
aetiology, gastroenteritis, man, Israel 1863.
aetiology-diarrhoea, children, Czechoslovakia 5201.
antibodies, colostrum/milk, vaccination effects on, sheep 5701.
antibodies, enzyme-linked immunosorbent assay, comparison-complement fixation 852.
antibodies, enzyme-linked immunosorbent assay 5603, 6416.

IRL©1979

Rotavirus,(continued)
antibodies, incidence, Crohn's disease, man 7308.
antibodies detection, colostrum/breast milk, man, immunoelectrophoresis (counter) 5604.
antibodies incidence, cats/dogs 512.
antibodies incidence, cattle 2705.
antibodies incidence, children/infants, India 5973.
antibodies levels, colostrum/milk, vaccinated sheep 246.
antigens, detection, faeces, cattle, juveniles, methodology 4987.
antigens, detection, immunodiffusion, faeces, enteritis, cattle 2258.
antigens, detection, immunodiffusion, faeces/intestine, diarrhoea, cattle 2946.
antigens detection, Crohn's disease 1108.
associated gastroenteritis, symptoms, children 4427.
association-coronavirus/cryptosporidia/Escherichia coli, role-diarrhoea, cattle 2690.
association-diarrhoea, cattle juveniles, Japan 1970.
association-diarrhoea, children, Philippines 1864.
association-diarrhoea, goats 2687.
association diarrhoea, horses juveniles 1968.
association-diarrhoea, turkeys 2688.
association-gastroenteritis, adults/children 2576.
association-gastroenteritis, children 1109.
association-gastroenteritis, children, Nigeria 3719.
association-gastroenteritis, children, Venezuela 393.
association-gastroenteritis, infants 1134.
association-gastroenteritis, infants, Japan 3185.
association-gastroenteritis, infants, nosocomial infection 5177.
association-gastroenteritis outbreaks, infants, France 3184.
characterization/classification recommendations 2069.
characterization/isolation, diarrhoea, horses, Australia 1202.
concurrent infection-Salmonella typhimurium, diarrhoea, horses 3286.
defective particles biosynthesis/morphogenesis, infected PK-15 cells 1520.
detection, electron microscopy, faeces, cattle 7277.
detection, electron microscopy/immunodiffusion/immunofluorescence, faeces, cattle 6734.
detection, immunofluorescence, methodology 7067.
diarrhoea, clinical manifestations/prevention/treatment, cattle, juveniles 7407.
diarrhoea, incidence, cattle, juveniles, Germany, Fed. Rep. 6067.
diarrhoea, prophylaxis/treatment, animals 2717.
diarrhoea, prophylaxis/treatment, man 2665.
diarrhoea, prophylaxis/treatment/vaccination, livestock 3878.
diarrhoea, prophylaxis/vaccines, man 2577.
diarrhoea, treatment, sucrose electrolytes solutions, children 454.
diarrhoea aetiology, children, USA, Texas, Houston/Mexico 4474.
enzyme-linked immunosorbent assay 6417.
experimental infection, abomasum lesions pathology, cattle, juveniles 5336.
experimental infection, pathogenesis, dose effects on, cattle, juveniles 4552.
experimental infection, symptoms, colostrum deprivation effects on, cattle, juveniles 6769.
gastroenteritis, association-sugars intolerance, children 1862.
gastroenteritis, children, review 1859.
gastroenteritis, clinical manifestations/diagnosis/epidemiology, children, Japan 3788.
gastroenteritis, clinical manifestations/treatment, children 4426.
gastroenteritis, clinical manifestations, man 6646.
gastroenteritis, clinical manifestations/diagnosis, infants 8227.
gastroenteritis, comparison-strains, children, case reports 1860.
gastroenteritis, epidemiology, family studies 5253.
gastroenteritis, epidemiology/immune response, infants 7993.
gastroenteritis, epidemiology/symptomatology, man, comparison-temperate environment/tropical environment 1898.
gastroenteritis, protein-energy malnutrition effects on, children 5959.
gastroenteritis aetiology, man, Philippines 5922.
identification-faeces, methodology 5863.
immunization (passive), sheep 2365.
immunization (passive), use-colostrum, sheep 5660.
immunoglobulin A, levels, colostrum, radioimmunoassay, man 3627.
incidence, faeces, infants, British Isles 1135.
infection, apes, zoological gardens, British Isles 1981.
infection, cattle, economic aspects 2689.
infection, diagnosis, immunoelectron microscopy, faeces, man 7278.
infection, immune response, enzyme-linked immunosorbent assay, man 2257.
infection, immunity (passive)/immunization (passive), animals 2364.
infection, incidence/symptoms, neonates, man 2624.
infection, pathogenesis, ileum, cattle juveniles 486.
infection, pathology, man 2574.
infection, pathology, small intestine, man/animals 2573.
infection, pigs, review 7409.
man, passage-dogs 1897.
propagation, cell culture, methodology, review 2093.
properties/aetiology-gastroenteritis, infants 392.
protein biosynthesis/proteins characterization 7736.
radioimmunoassay, faeces, infants 4913.
role-diarrhoea, cattle, juveniles 6744.
role-diarrhoea (traveller's), military personnel, Korea, Rep. 6645.
role-diarrhoea, weaning, pigs 1969.
role-diarrhoea outbreaks, chickens 5307.
seroepidemiology, cattle, Papua New Guinea 8378.
seroepidemiology, children, Kenya 6681.
serotypes, enzyme-linked immunosorbent assay/epidemiology, children, USA 3228.
serotypes identification/isolation-infants 1861.
strains differentiation, use-RNA properties 2124.
transmission, children, role-families 3787.
vaccines, efficacy, pigs, juveniles 7155.
Rotavirus (bovine),
antigens, characterization/localization 4939.
cross-protection, rotavirus (equine)/rotavirus (human), cattle juveniles 245.
enzyme-linked immunosorbent assay 2945.
epidemiology/immunity, cattle, review 513.
genomes, comparison-rotavirus (human)/rotavirus (simian), electrophoresis 6211.
haemagglutinin, inhibitors, production, infected BK cells cell culture fluids 4247.
infection, diagnosis, complement fixation/haemagglutination/haemagglutination inhibition/immunoelectrophoresis (counter)/immunodiffusion/radioimmunoassay, cattle 3511.
polypeptides, characterization 6931.
RNA transcription/translation, rabbits reticulocyte lysate 7737.
Rotavirus (equine),
aetiology, diarrhoea, horses, USA 1201.

Rotavirus (equine),(continued)
cross protection, rotavirus (bovine)/rotavirus (human), cattle juveniles 245.
Rotavirus (human),
antibodies, detection, complement fixation/immunofluorscence (indirect), man, use-rotavirus (simian) 11 5605.
cross-protection, rotavirus (bovine)/rotavirus (equine), cattle juveniles 245
genomes, comparison-rotavirus (bovine)/rotavirus (simian), electrophoresis 6211.
role-intussusception, infants/children 1110.
ultrastructure 664.
vaccination, cattle 6502.
Rotavirus (ovine),
experimental infection, small intestine morphology/epithelium cells kinetics, juveniles, sheep 8405.
Rotavirus (simian),
genomes, comparison-rotavirus (bovine)/rotavirus (human), electrophoresis 6211.
haemagglutination 204.
Rotavirus (simian) 11,
physicochemical properties, comparison-reovirus 1 6252.
plaque assay 7521.
proteins, electrophoresis 6932.
use-rotavirus (human) antibodies detection, complement fixation/immunofluorscence (indirect), man 5605.
Rous-associated virus,
endogenous, production, chickens strains 8090.
genomes expression/chromosomes subunits conformation, regulation, cells, chickens 319.

recombination-avian myelocytomatosis virus, genomes, nucleotide sequence analysis 7594.

RNA, nucleotide sequence, comparison-Rous sarcoma virus 2125.
Rous-associated virus 0,
endogenous, genes expression/localization, chickens 1774.
proviruses, integration, embryo fibroblasts, chickens 2204.
Rous-associated virus 1,
infected chickens, endogenous/exogenous C-type virus expression, role lymphocytes B 4359.
Rous-associated virus 2,
envelopes glycoproteins, RNA, mRNA activity 4134.
Rous sarcoma,
hamsters, Rous sarcoma virus specific DNA sequence, hybridization analysis 7223.
Rous sarcoma virus,
adenosinetriphosphatase, characterization 6996.
adsorption/penetration, membranes, embryo cells, chickens 2857.
antibodies, incidence, children 3708.
antibodies incidence, chickens, Egypt, Arab Rep. 2525.
biological properties/oncogenicity, strains isolated-USSR 1766.
closed circular DNA, characterization 3398.
concentration/production/purification, transformed cells, chickens 1341.
deletion mutant, DNA characterization 7822.
DNA, transfection-embryo fibroblasts, chickens, mechanisms 768.
DNA biosynthesis, infected cells, chickens, kinetics 2900.
DNA polymerase (RNA-dependent), DNA biosynthesis, in vitro 2203.
DNA polymerase (RNA-dependent) deficient/positive, RNA, characterization 4132.
DNA polymerase (RNA-dependent)/ribonuclease, N-methyl isatin β-thiosemicarbazone-copper complex effects on 770.
endodeoxyribonuclease activity 59.
env gene/pol gene/src gene, linkage, genetic analysis 7035.
envelopes glycoproteins, antigenic determinants 4242.
envelopes glycoproteins, biosynthesis, precursors glycosylation absence, in vitro 6342.
gag gene, recombination frequency, Rous sarcoma virus 7823.
gag gene proteins, cleavage-feline sarcoma virus proteins 4019.
genomes, complementary DNA biosynthesis, in vitro 7000.
genomes, integration sites, DNA, infected embryo cells, chickens 6341.
genomes expression/chromosomes subunits conformation, regulation, cells, chickens 319.
genomes RNA deficient mutants, characterization 2227.
glycoproteins, oligosaccharides characterization 2822.
glycoproteins, precursors cleavage, kinetics 2218.
inactivation/inhibition, copper binding thiosemicarbazone/8-hydroxyquinoline/isonicotinic acid hydrazide 1741.
induced tumours, antigen (tumour-associated) characterization, Japanèse quails 1020.
induced tumours, electric currents resistance, comparison-normal tissues, chickens 7229.
induced tumours, immunity, detection, leucocyte adherence inhibition, cross-reactivity-BCG, rats 5731.
induced tumours, regression, chickens, genetic analysis 7228.
induction-plasminogen activator, mechanisms/role-transformation, embryo fibroblasts, chickens 2524.
infected brain cells, induction-brain tumours, hamsters 2478.
infected embryo fibroblasts, chickens, decrease-procollagen mRNA biosynthesis 7224.
infected fibroblasts, chickens, folic acid/folinic acid/5-methyltetrahydrofolic acid requirements 1771.
infected fibroblasts, chickens, proliferation, thymidine/hypoxanthine requirements 7227.
infection, effects on Golgi apparatus activity, in vivo/in vitro 6965.
infection, muscles cells, chickens, in vitro, electron microscopy 5427.
infection/transformation, effects on lysophosphoglyceride biosynthesis, embryo fibroblasts, chickens 1018.
protein biosynthesis, transformed cells 148.
protein kinase, characterization/purification 4810.
proteins, amino acid sequence, N-terminus 4018.
proteins, preparation, isoelectric focusing 570.
proviruses expression/integration, chick embryos fibroblasts, superinfection effects on 4811.
recombination, role-pol gene 4183.
replication, embryo fibroblasts, chickens, cerulenin/cholesterol (25-hydroxy) effects on 1500.
replication, hormones effects on, chickens/mice/rats cell lines 5504.
replication, inhibition, rabies virus/rabies virus induced antiviral activity, serum, chickens 5505.
replication defective mutant, genetic analysis 4182.
replication/transformation-embryo cells, chickens, inhibition, adenosine (3-deaza) 2474.
resistance, chickens, association-haemoglobin types 2477.
RNA, analysis, nuclease/ribonuclease 2126.
RNA, characterization, revertant/transformed Microtus agrestis cells 3470.
RNA, isolation, infected cells, methodology 6860.
RNA, nucleotide sequence, comparison-Rous-associated virus 2125.
RNA, ribosomes binding sites, coding-gag gene products N-

IRL©1979

Rous sarcoma virus,(continued)
terminus 4133.
RNA biosynthesis, fibroblasts, chickens/mice, dimethyl-10,12-benz(a)acridine effects on 7734.
RNA biosynthesis, RNA polymerase products, heterogeneity 767.
RNA/DNA polymerase (RNA-dependent)/transformation, isonicotinic acid hydrazide-copper complex effects on 6551.
RNA segments, characterization/isolation 6213.
RNA 35S termini, polydeoxyribonucleotides, synthesis 4679.
sarc gene products localization/quantitation 3469.
sarc gene proteins, protein biosynthesis 2901.
specific DNA sequence, hybridization analysis, Rous sarcoma, hamsters 7223.
specific RNA, recovery, deletion mutant induced tumours 4136.
src gene activation, induction-DNA biosynthesis, myotubes, embryos, chickens 693.
src gene gene expression, comparison in vitro/in vivo 1501.
src gene proteins characterization 769.
strains, src gene proteins polymorphism 5470.
temperature-sensitive mutant, infected avian cells, treatment, 12 O-tetradecanoylphorbol 13-acetate, src gene products, role-5113.
temperature-sensitive mutant, kidney cells, rats, transformation, reversion-protein biosynthesis inhibition 3854.
temperature-sensitive mutant, transformation, embryo fibroblasts, chickens 5116.
temperature-sensitive mutants transformed kidney cells, rats, proliferation, role-calcium 317.
transfer-ducks cells DNA sequences, 3T3 cells 1016.
transformation, avian tendon cell culture 4358.
transformation, cell lines, rats, single-stranded DNA DNA-binding protein biosynthesis 8088.
transformation, effects on acetylcholine receptors metabolism, embryo fibroblasts, chickens 3681.
transformation, effects on adenosine (5′-deoxy-5′-S-isobutylthio) inhibition-nucleosides/sugars transport, embryo fibroblasts, chickens 6576.
transformation, effects on amino acids transport, embryo fibroblasts, chickens 8087.
transformation, effects on membrane structure, rats cells 5112.
transformation, embryo cells, chickens, temperature effects on 6577.
transformation, embryo fibroblasts, chickens, lipids biosynthesis inhibitors effects on 5117.
transformation, embryo fibroblasts, chickens, inhibition, sinefungin 6574.
transformation, embryo fibroblasts, chickens, 5-phosphoribosyl-1-pyrophosphate levels 7225.
transformation, enucleated cells, chickens 1770.
transformation, stimulation-hosts cells protein biosynthesis, mechanisms 2865.
transformation, susceptibility, relationship-cell cycle, cell culture, man 8147.
transformation defective mutant, induced tumours, RNA sequence, comparison-Rous sarcoma virus/transformation defective mutant 2787.
transformation/DNA polymerase (RNA-dependent)/DNA biosynthesis, inhibition, disulfiram 314.
transformation mutants, genomes RNA size 6914.
transformation mutants, induction-chick embryo neuroretinal cells proliferation 316.
transformation mutants, recovery of function, passage-chickens 5111.
transformation temperature-sensitive mutant, genomes characterization 3680.
transformed BHK cells, glycoprotein composition 8085.
transformed BHK cells, glycoprotein structure 8086.
transformed BHK-21 cells, proviruses DNA, infectivity 4135.
transformed cell lines, microfilaments/microtubules structure 3696.
transformed cells, calcium dependent regulators proteins levels, relationship adenylate cyclase activity 7226.
transformed cells, hamsters, antigenic characteristics/immune response (cell mediated) 4356.
transformed cells, hamsters, antigenic characteristics 4357.
transformed cells, membrane proteins labelling 299.
transformed cells, rats, platelets aggregation/cell membranes vesiculation, in vitro 5114.
transformed cells, susceptibility-Corynebacterium diphtheriae toxins, trypsin effects on 8071.
transformed cells, tubulin levels, radioimmunoassay 1754.
transformed embryo fibroblasts, chickens, growth/fibrinolysis, serum effects on 318.
transformed embryo fibroblasts, chickens, collagen mRNA biosynthesis 1017.
transformed embryo fibroblasts, chickens, plasminogen activator expression, control 1019.
transformed embryo fibroblasts, chickens, tRNA methylation, inhibition, adenosine (5-deoxy-5′-S-isobutyl) 1762.
transformed embryo fibroblasts, chickens, hexose transport 3682.
transformed embryo fibroblasts, chickens, plasminogen activators production, phorbol myristate acetate effects on 5115.
transformed embryo fibroblasts, chickens, membrane proteins purification/characterization 5809.
transformed embryo fibroblasts, chickens, collagen synthesis, phorbol myristate acetate effects on 8089.
transformed embryo fibroblasts, man, Rous sarcoma virus characterization/production, comparison-parents strains 3109.
transformed embryo myoblasts, chickens, morphology/differentiation 315.
transformed fibroblasts, chickens, plasminogen activator levels, correlation-tumourigenicity, absence 1772.
transformed fibroblasts, hamsters, membrane glycoproteins, glycopeptides, characterization 1769.
transformed fibroblasts, phenotypes, src gene products function 2475.
transformed fibroblasts, rats, DNA replication, regulation-serum 8084.
transformed mammalian cells, virus-specific RNA, nucleotide sequence 3123.
transformed RVP3 cells, cytogenetics 2476.
translation in vitro, src gene products, protein kinase activity 5534.
tumour cells, rats, surface antigen characterization 1773.
Rowson-Parr virus,
infection, immunosuppression, mice 6528.
Rubella,
antibodies, quantitation, haemagglutination inhibition, methodology 4221.
association-congenital cataracts, man, South Africa Rep. 5928.
association-protein energy malnutrition/seroepidemiology, children, Guatemala 7365.
complications, adults, man 4430.
diagnosis, antibodies detection following immunoglobulin A/immunoglobulin G elimination, serum, man 7862.

Rubella,(continued)
diagnosis, enzyme linked immunosorbent assay, man 8170.
diagnosis, haemagglutination inhibition, methodology 4220, 4916.
diagnosis, haemagglutination inhibition/haemolysis, man 7863.
diagnosis, laboratories, man 3158.
differential diagnosis-measles, use-clinical manifestations, man 349.
epidemics, Israel, rubella virus seroepidemiology, infants 1903.
epidemics, military personnel, USA 1901.
epidemiology, man, British Isles 3241.
eradication, man 7348.
immunity, role-haemagglutination inhibition/neutralization antibodies, man 5040.
incidence/vaccination recommendations, pregnancy, man, British Isles 2627.
man, diagnosis 1063.
maternal, gestational age, correlation-congenital defects 8235.
outbreaks, man, British Isles 8300.
outbreaks, man, hospitals 5981.
prophylaxis, recommendations, pregnancy, man 228.
prophylaxis, vaccination, man, USA, review 2371, 2403.
protein-energy malnutrition effects on, children 5959.
screening/vaccination, man, USA 7132.
tuberculin reactivity suppression during, man 5729.
Rubella (congenital),
association-anaemia (haemolytic)/bone marrow hypoplasia, infants, case reports 8236.
association-hearing loss, prevention, man 3197.
behaviour alterations, children 2579.
case reports 7312.
case reports/diagnosis/management, man 8234.
cataracts, treatment, case reports 455.
clinical manifestations/prevention, man 2583.
congenital defects, correlation-gestational age, maternal rubella 8235.
diagnosis, immunoglobulin M levels, centrifugation/chromatography, children 3723.
diagnosis, immunoglobulin M levels, children 3722.
encephalitis, clinical manifestations/pathology, children 2580.
immunoglobulin M antibodies absence, case reports 5041.
immunoprophylaxis, man 5674.
man, case reports 2582.
pathology, eye, foetuses, man 5927.
pathology/prophylaxis, children, Israel 5203.
rubella virus isolation-cataracts, man 5204.
Rubella virus,
aetiology, thrombocytopenic purpura, man 2585.
antibodies, biosynthesis, cerebrospinal fluid, multiple sclerosis, man 280.
antibodies, detection, haemagglutination inhibition, non-specific inhibitors removal, methodology, comparative studies 855.
antibodies, detection, haemagglutination inhibition/immunofluorescence, man 4917.
antibodies, detection, haemagglutination inhibition/haemolysis, man 5671.
antibodies, detection, haemagglutination (passive), comparison-haemagglutination inhibition, man 6423.
antibodies, detection, haemagglutination inhibition, methodology 7068.
antibodies, detection, haemagglutination (passive) 7069.
antibodies, detection, haemolysis 5609, 7864.
antibodies, detection, haemolysis, comparison-haemagglutination inhibition 1572.
antibodies, detection, haemolysis (radial) 856.
antibodies, detection, immunofluorescence 4918.
antibodies, enzyme immunoassay 2262.
antibodies, enzyme-linked immunosorbent assays 3512.
antibodies, incidence, pregnancy, man 1137.
antibodies, incidence/levels, central nervous system diseases, man 4407, 4408.
antibodies, levels, cerebrospinal fluid/serum, optic neuritis, man 8233.
antibodies, plaques neutralization, methodology 7071.
antibodies, quantitation, haemagglutination inhibition, pH effects on, man 4915.
antibodies detection, haemolysis 854.
antibodies detection, multiple sclerosis/subacute sclerosing panencephalitis 1945.
antibodies incidence, man, Zambia 1132.
antibodies incidence, psychiatry patients 2542.
antibodies incidence, relationship-vaccination, children 1888.
antibodies levels, correlation-Clostridium tetani/Corynebacterium diphtheriae/Toxoplasma antibodies, man 5724.
antibodies levels, indications-vaccination, man 1711.
antibodies screening, recommendations, pregnancy, man 433.
antibodies screening, relationship-vaccination, economic aspects, man 7134.
antigens, stimulation-lymphocytes, man 7973.
associated meningitis, man, case reports 4431.
association-myocarditis, man 3159.
attenuated vaccines, efficacy/reactogenicity, review 227.
combined vaccines-measles virus/mumps virus, eye complications, man, case reports 1676.
elevated haemagglutination inhibition, role-β-lipoprotein, hyperbilirubinaemia, children, case reports 1710.
encephalitis, case reports 7310.
haemagglutination/haemagglutination inhibition 891.
haemagglutination inhibition, use-trypsin treated erythrocytes, man 2260.
haemolysis 269.
immune status, children, USA 6484.
immune status screening/vaccination, man 7941.
immune status screening/vaccination recommendations, females, man 7939, 7940.
immune status/vaccination recommendations, pregnancy, man 8299.
immunity, detection, man 5672.
immunization (passive), efficacy, after exposure, man 2366.
immunization (passive), efficacy, man 1650.
immunoglobulin G, enzyme-linked immunosorbent assay 2947.
immunoglobulin M, detection, ion-exchange batch technique 1571.
immunoglobulin M, radioimmunoassay, interference, rheumatoid factor 1570.
immunoglobulin M antibodies, detection, haemagglutination inhibition/immunofluorescence (indirect), infants 6422.
immunoglobulin M antibodies, radioimmunoassay 6421.
immunoglobulin M levels, small-for-gestational age neonates, man 5728.
infection, association-diabetes mellitus, children 2581.
infection, association-meningitis/optic neuritis, man 2584.
infection, diagnosis/screening programmes 2261.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4487.
infection, immunoglobulin A response, man 2436.
infection, lymphocytes levels/phytohaemagglutinin response, man 965.
infection, pregnancy, risks, foetus, man 395.

IRL©1979

Rubella virus,(continued)
intranasal vaccination, man 5673.
isolation-cataracts, rubella (congenital), man 5204.
maturation/production, BHK-21 cells/Vero cells 4158.
ophthalmoplegia aetiology, case reports 7311.
panencephalitis, immunological aspects/treatment, man 7176.
perinatal infection, clinical aspects, man 3732.
persistent infection, role-defective-interfering particles, cell lines 6875.
replication, MCF-7 cells, 17β-oestradiol effects on 2195.
retinopathy, association-subretinal neovascularization, man, case reports 1866.
role-autism, man 7317.
role-diabetes mellitus, review 7320.
screening/vaccination, pregnancy, man 1664.
seroepidemiology, infants, rubella epidemics, Israel 1903.
seroepidemiology, man, Argentina 3793.
seroepidemiology, man, Brazil 2628.
seroepidemiology, man, Italy 5980.
seroepidemiology, man, Nigeria 6686.
seroepidemiology, man, USA 7356.
seroepidemiology/vaccination indications, man 6687.
seroepidemiology/vaccination recommendations, man, Kuwait 1902.
specific immunoglobulin A/immunoglobulin M, detection, adsorption-Staphylococcus aureus + centrifugation (sucrose density gradient) 7070.
specific immunoglobulin A/immunoglobulin M, use-diagnosis, man 7177.
susceptibility/vaccination efficacy, man 6487.
vaccination, antibody response, children, Austria 226.
vaccination, children, review 7932.
vaccination, children, USA 4280.
vaccination, efficacy, man 5672.
vaccination, efficacy/recommendations, man, Canada 3583.
vaccination, efficacy/safety, man 7938.
vaccination, immune response (cell-mediated), relationship-age, man 964.
vaccination, immune response, man 3011.
vaccination, man 6486, 7137.
vaccination, recommendations, man 1665, 3012, 3013, 3014, 3584, 6485, 7135, 7136.
vaccination, recommendations/safety, pregnancy, man 1663.
vaccination, simultaneous rhesus D immunization (passive) effects on, man 1667.
vaccination failure, children 1661.
vaccination/infection, review 1660.
vaccination recommendations, children, USA 224.
vaccines, efficacy, children, Australia 2383, 2384.
vaccines, efficacy, man 1662, 2382.
vaccines, efficacy, testing, man 2381.
vaccines, efficacy/safety, man 7133.
vaccines, immune response (cell-mediated), man, age effects on 3010.
vaccines, immunity, man 2380.
vaccines, immunity persistence, man 1666.
Rubus idaeus,
Canada, raspberry bushy dwarf virus epidemiology/pathology/symptomatology 2044.
New Zealand, cherry leaf roll virus incidence/symptoms/transmission 3353.
New Zealand, raspberry bushy dwarf virus detection 6132.
viruses transmission, Amphorophora idaei resistance effects on 8460.
Rumex hastatus,
extracts, inhibition-potato virus X 3106.

Runde virus,
infection, pathology, chick embryos/chickens 2772.
pathogenicity, mice, antisera/serum effects on 4560.
persistent infection, cell culture/mice 2769.
replication in vitro/purification methodology 3428.
Ryegrass mosaic virus,
infection, Lolium perenne, effects on chemical composition 8446.
infection, resistance, Lolium perenne clones 7472.
resistance, Lolium multiflorum 6801.

Saccharomyces cerevisiae,
double-stranded RNA, comparison-viruses defective-interfering particles 17.
endonuclease a, activity, radiation (u.v.) treated phage T7 DNA 2114.
killer factor mutants 3912.
killer factor RNA biosynthesis, virus-like particles 92.
killer factors, review 8431.
rRNA genes, cloning, phage λ vectors 807.
virus-like particles double-stranded RNA, homology DNA 1353.
virus-like particles double-stranded RNA biosynthesis 4753.
virus-like particles induction 8430.
virus-like particles infectivity/isolation 3332.
Saccharum,
heat treatments + buds culture, control-sugarcane mosaic virus 3936.
Saccharum officinale,
sugarcane mosaic virus disease spread 3935.
Saguinus,
animal models, hepatitis A virus inactivation, heat treatment 451.
Herpesvirus ateles/Herpesvirus saimiri DNA, induction-tumours 1009.
Saguinus mystax,
hepatitis A virus infection, antigens localization-organs 2735.
Saguinus oedipus,
Epstein-Barr virus experimental infection, antibody response 3888.
Saimiri sciureus,
Epstein-Barr virus experimental infection, antibody response 3888.
oncornavirus (simian), antigens, comparison-Mason-Pfizer monkey virus 883.
Saliva,
electron microscopy, bovine papular stomatitis virus detection, cattle 3855.
infectivity, bovine leukaemia virus infected cattle 5810.
Salivary gland,
Culex pipiens/Culex tritaeniorhynchus, Japanese encephalitis virus replication, electron microscopy 5503.
Junin virus detection, infected Calomys musculinus 5340.
Sanguinus fuscicollis, cytomegalovirus isolation 5402.
Salmo gairdneri,
Egtved virus infection, histology/immune response/pathology 8360.
haemorrhagic septicaemia pathology 6748.
haemorrhagic septicaemia virus/infectious pancreatic necrosis virus asymptmatic infection 3308.
Herpesvirus salmonis isolation/characterization 2144.
infectious haematopoietic necrosis virus susceptibility, copper effects on 5344.
infectious pancreatic necrosis virus infection, control/pathology 6053.

Salmonella,
phage P22 early genes activation, superinfection 1532.
rh-1 gene, characterization/isolation, use-transducing phage λ x plasmids hybrids 4206.
Salmonella anatum,
phage ε15 adsorption, kinetics 2162.
phage ε15 adsorption/penetration, mechanisms 5510.
Salmonella typhi,
phage typing 6395.
phage typing, man, Java 7832.
phage typing, plasmids effects on 4198.
phage Vi lysate, N-acetylmuramoyl-L-alanine amidase/endopeptidase characterization/isolation 1469.
phages, strains characterization/physicochemical properties 4711.
phages adsorption-pili, determination, plasmids 83.
Salmonella typhimurium,
concurrent infection-rotavirus, diarrhoea, horses 3286.
DNA defective mutant, DNA biosynthesis control, phage P22 transduction particles 6404.
genes, transduction, phage P22 7053.
histidine operon, cloning, phage M13 DNA 7843.
mutants, transduction, phage P22 2247.
phage Felix O resistance mutants, lipopolysaccharides cores defects 1551.
phage P22 DNA biosynthesis/genetics, review 2175.
phage P22 infection, spermidine effects on 711.
phage P22 mutagenesis/reactivation, radiation (u.v.), role-plasmid pKM101 1533.
phage P22 x phage Fels 1, antigen 0-1 conversion 4208.
phage typing, correlation-biotyping/source 834.
phages transduction/plasmids, chromosomes linkage maps, review 2929.
R factor R404, transduction, phage P22 6405.
replication initiation mutants, phage P22 maturation/replication 6366.
Salt,
concentration, effects on cytomegalovirus mRNA translation, infection, embryo cells, mice 749.
Salts,
effects on phage T1/poliovirus recovery, water supplies/sewage, adsorption-filters 3260.
Salvelinus fontinalis,
infectious pancreatic necrosis virus infection, control/pathology 6053.
Samford virus,
antigenic relationship-Aino virus 4941.
San Miguel sea lion virus,
antigenic relationship-calicivirus strains 1584.
RNA, fractionation/structure 6210.
susceptibility, disinfectants 5071.
Sanguinus,
experimental infection, hepatitis A virus, antibody response/pathology/susceptibility 4564.
herpes simplex virus/Herpesvirus tamirinus vaccination 7952.
Sanguinus fuscicollis,
salivary gland, cytomegalovirus isolation 5402.
Sanguinus mystax,
liver cells, hepatitis A virus growth 5443.
Sarcoidosis,
association-atypical herpes genitalis, case reports 4415.
Sarcoma,
children, role-viruses 5853.
endogenous murine leukaemia virus positive, oncofoetal antigens characterization, mice 3688.
SV40 induced, antigen (tumour-associated), immune response, mice 3663.
SV40 induced, antigen (tumour-specific) characterization/isolation, mice 5095.
Sardinia,
measles virus seroepidemiology, man 5264.
subacute sclerosing panencephalitis epidemiology, man 5990.
Satellite tobacco necrosis virus,
iodination/preparation, crystallography 7516.
RNA, mRNA properties, capping effects on 4842.
RNA, stability in vitro/in vivo 4691.
RNA, 5′-terminus nucleotide sequence 4690.
mRNA, translation, caps analogues effects on, in vitro 3401.

Scandinavia,
Korean haemorrhagic fever relationship-epidemic nephropathy, man 4442.
Scarlet fever,
association-infectious mononucleosis, case reports 3175.
Schistosomiasis,
association-hepatitis B surface antigen, man 7374.
Schizophrenia,
clinical manifestations/viruses aetiology, man 5884.
man, detection-virus-like particles, cerebrospinal fluid 7283.
man, virus-like particles detection 8185.
virus-like particles isolation-cerebrospinal fluid, man 8187.
viruses aetiology, man 5883.
Schu virus,
infection, induction-amyotrophic lateral sclerosis clinical manifestations, hamsters/monkeys 6097.
Sciurus carolinensis,
susceptibility, Jamestown Canyon virus/Keystone virus experimental infection 8410.
Scophthalmus maximus,
herpesvirus isolation/characterization 567.
Scotogramma trifolii,
USA, California, granulosis virus infection epizootics 546.
Scours,
coronavirus (bovine), management, recommendations, cattle 4541.
Scrapie,
choline acetyltransferase levels, brain, mice, Alzheimer's disease-man, comparative studies 1948.
comparison-Semliki Forest virus infection pathology, mice 1254.
control/transmission, sheep, New Zealand 2675.
control/transmission-man, sheep, discussion 2674.
hamsters, detection-low molecular weight DNA 6728.
incidence, sheep, Hungary 5297.
pathogenesis, mice, role-spleen/thymus 2676.
susceptibility, hamsters, animal models 6729.
Scrapie agent,
characterization/purification, spleen, mice 1188.
derived from hamsters, pathogenesis/replication-brain, mice 2673.
DNA occurrence 2789.
experimental infection, ultrastructure, mice 1187.
fractions, infectivity, density gradients solutions effects on 5483.
induction-cell fusion 6177.
infected brain/spleen, mice, particles characterization/detection 6727.
infected mice, splenocytes, stimulation, mitogens 1949.
physical properties, sedimentation 1189.
physicochemical properties 5486.
replication, requirements-intrinsic nucleic acid 1432.
resistance, antiviral agents 5296.

IRL©1979

Scrapie agent,(continued)
resistance, radiation (γ) 3415.
Seawater,
pollution, viruses 3221.
sewage, pollution, viruses 5960.
Vibrio/Vibrio parahaemolyticus phages incidence 1886.
Seaweed products,
antiviral activity 2452.
Secale cereale,
virus-like particles detection/physical properties 5487.
Sediments,
Vibrio/Vibrio parahaemolyticus phages incidence 1886.
Seeds,
Pisum sativum, pea seed-borne mosaic virus detection, methodology 1278.
Solanum tuberosum, viruses control 5394.
transmission-groundnut clump virus, efficacy 4583.
Semen,
cattle, bovine rhinotracheitis virus/ECBOvirus/parainfluenza virus 3 isolation 2699.
cattle, foot-and-mouth disease virus vaccination effects on 6501.
herpes simplex virus 2 recurrent infection, man, herpes simplex virus 2 incidence/transmission 1891.
infectivity, bovine leukaemia virus infected cattle 5810.
Semliki Forest virus,
aetiology, encephalitis, case reports 5925.
antigens, detection, enzyme immunoassay/fluorescent antibody test/immunoperoxidase test/radioactive labelling antibodies, cell culture 5608.
antiviral activity, hydroxytoluene (butylated) 1742.
antiviral activity, phage f2 replicative form RNA 5653.
antiviral activity, plants extracts 4339.
avirulent, induction-demyelination, mice, radiation (γ) effects on 5338.
avirulent, infection, associated-demyelination, mice 5337.
avirulent, infection, immune response, athymic nude mouse 4316.
avirulent, infection, pathogenesis, athymic nude mice 2007.
avirulent strains, neurovirulence, athymic nude mice 6095.
Constantinea simplex/Farlowia mollis extracts antiviral activity 288.

defective-interfering particles, characterization, cells, Aedes albopictus 4803.

defective-interfering particles production/characterization, mammalian cells/embryo fibroblasts, chickens 759.
envelopes/nucleocapsids, subunits morphology 6948.
glycans, molecular weight determination 6933.
glycopeptides, characterization/separation, chromatography (affinity) 2797.
growth/temperature sensitivity, relationship-virulence, central nervous system organ culture, mice 3969.
haemolysis activity, localization 7614.
immune response (cell-mediated), mice 5726.
induced interferon, stimulation, low molecular weight chickens egg yolk factors 2981.
induction-hypersensitivity (delayed), mice 5727.
infected embryo cells, chickens, calcium metabolism, mitochondria 2864.
infection, Culex annulirostris, superinfection interference 4566.
infection, effects on lipids metabolism, chickens embryo cells/hamsters kidney cells 4752.
infection, electron microscopy/pathology, brain, mice 5326.
infection, laboratory animals, monkeys, transmission risks, man 8367.
infection, MOPC-21 cells, plaque assay/effects on hosts protein biosynthesis 5515.
infection, pathology, mice, comparison-scrapie 1254.
membrane proteins, biosynthesis/glycosylation 7738.
membranes, glycoproteins structure 5466.
membranes glycoproteins assembly 5545.
morphogenesis, BHK-21 cells, colchicine/dibucaine/Nocodazole effects on 157.
nucleocapsids assembly, precursors detection, embryo fibroblasts, chickens 795.
proteins, aggregation-Bacillus licheniformis penicillinase, protein micelles 2796.
proteins cross-linking-chemicals, morphogenesis studies 57.
replication, ricin resistant L cells 2194.
Sendai virus,
adsorption, effects on membranes microviscosity, in vitro 3439.
adsorption/early replication, macromolecules penetration-cell membranes 6281.
aetiology, pneumonia, mice 1208.
antiviral activity, tyrothricin 2451.
asymptomatic infection, effects on lymphocytes, ageing mice 4563.
binding-naphthalic acid derivatives, fluorometry 5485.
budding, epithelium cell culture 4851.
cell fusion factors/haemagglutinin/neuraminidase, characterization/purification 3561.
defective-interfering particles, genomes structure 1380.
defective-interfering particles, genomes, amplification 4685.
effects on potassium release/membrane potential, human erythrocytes 206.
envelopes, glycoproteins integration, ultrastructure, ageing effects on 6953.
envelopes, reconstitution in vitro 6938.
experimental infection, antibody response, mice 6774.
experimental infection, pathology, brain, mice 8414.
glycoproteins, carbohydrate analysis 654.
glycoproteins, neuraminidase activity/structure, β-mercaptoethanol/sodium dodecyl sulphate/urea effects on 5472.
growth-chick embryos/KB cells, host antigens 6182.
growth-chick embryos/KB cells, hosts antigens 6884.
haemagglutination, inhibition-low-density lipoprotein 8030.
haemagglutinin, erythrocytes receptors, role-sialic acid 6459.
haemolysis activity, role-envelopes phospholipids/proteins 4039.
hosts antigens incorporation 3422.
immunity (passive)/infection, mice, laboratories 2713.
induced cell fusion, erythrocytes, chickens, ultrastructure/role-calcium 3385.
induced cell fusion, erythrocytes ghosts, role-spectrin 5441.
induced cell fusion, HeLa cells 6880.
induced cell fusion, HeLa cells + chickens-erythrocytes, electron microscopy (scanning) 7550.
induced cell fusion, mechanisms 2102.
induced cell fusion, microfilaments organization during, regulation, role-calcium 3968.
induced cell fusion, use-injection micromethods 7551.
induced haemolysis, enhancement-antibodies + complement 8011.
inducedcell fusion, erythrocytes 6879.
induction-autoimmune diseases, aged mice 6073.
induction-cell fusion 6177.
induction-cell fusion, erythrocytes ghosts 7549.
induction-cell fusion, J-96 cells/J-41 cells, comparison-polyethylene glycol 593.

Sendai virus,(continued)
induction-cytotoxic lymphocytes T, role-histocompatibility antigen H-2, mice 3630.
infected cells, mice, lymphocytes T cytotoxicity, histocompatibility antigen H-2 effects on 3637.
infected Ehrlich ascites tumour cells, ribonucleoproteins characterization/occurrence 2907.
infected KB cells, adenylate cyclase, temperature effects 6966.
infected syngeneic cells, lymphocytes T induction/cytotoxicity-allogeneic target cells, mice 2446.
infection, effects on Mycoplasma pulmonis/Staphylococcus aureus resistance, mice 2018.
infection, stimulation-hosts cells protein biosynthesis, mechanisms 2865.
infectivity, activation, proteases, permissive cells/nonpermissive cells 1346.
infectivity, activation, trypsin, KB cells 2103.
interaction-erythrocytes, glycoprotein composition 6282.
lipid composition/membrane composition, glycosides effects on 8028.
membrane proteins, iodination 2808.
mixed infection-cowpox virus, effects on cowpox virus antigens formation, cells 6873.
nucleocapsids, assembly/metabolism 799.
penetration, hosts cells, mechanisms 2859.
persistent infection, brain cells, mice/temperature-sensitive mutant isolation 3966.
persistent infection, in vitro, role-defective-interfering particles 4627.
persistently infected L cells, temperature sensitive interferon susceptibility 895.
production, trypsin induced, adenylate cyclase activation/effects on AMP (cyclic) levels during, KB cells 5440.
proteins, aggregation Bacillus licheniformis penicillinase, protein micelles 2796.
proteins, charge heterogeneity, comparison-influenza virus/vesicular stomatitis virus 1398.
proteins, reconstitution-cell membranes, induction-viruses specific cytotoxic lymphocytes T 4325.
radiation (u.v.) inactivated, cell fusion activity, role-cytotoxicity, infected target cells 981.
radiation (u.v.) inactivated, induced cell fusion, fibroblasts-man/cells-hamsters, electron microscopy 4626.
reassembly, Triton X-100 treated envelopes 798.
ribonucleoproteins helix, topography 6255.
mRNA identification, cell-free system 154.
spikes, reconstitution-lipids vesicles 6940.
temperature-sensitive mutant, assembly, role-M protein, kidney cells, hamsters 4853.
transformation, susceptibility, relationship-cell cycle, cell culture, man 8147.
treated lymphoblastoid cell lines, man, interferon mRNA characterization 7899.
use-macromolecules introduction-L cells 6181.
virions, incorporation-Corynebacterium diphtheriae toxins, toxicity-L cells 6954.
Senegal,
arbovirus seroepidemiology, man 3791.
hepatitis B surface antigen seroepidemiology, man 4498.
Kedougou virus classification/isolation, Aedes minutus 1319.
yellow fever virus isolation/transmission, Aedes 3790.
yellow fever virus transmission, Aedes neoafricanus 5977.
Sericesthis iridescent virus,
structure/ultrastructure 2828.
Serological tests,
identification-plants viruses, review 3534.
Serotyping,
tobamovirus isolates 4950.
Serum,
cholinesterase/lactate dehydrogenase/alkaline phosphatase levels, chickens, Marek's disease virus experimental infection 533.
glomerulonephritis, man, hepatitis B surface antigen incidence 2607.
glycoproteins levels, bovine leucosis effects on, cattle 5121.
inactivation-interferon, fibroblasts man 7906.
kidney diseases patients, neutralization-Mason-Pfizer monkey virus antigens 1600.
normal, neutralization-transmissible gastroenteritis virus 2967.
phages contamination, assays, cattle 4211.
proteins, electrophoresis patterns, hepatitis effects on, man 4445.
rabbits, inhibition-tobacco mosaic virus repliation, Nicotiana tabacum protoplasts 3914.
Serum factor III,
isolation/characterization, enhancement-growth/viability-SV40 transformed 3T3 cells 302.
Setaria viridis,
France, peanut stunt virus strains, characterization/isolation 2759.
Sewage,
activated sludge, viruses removal 6012.
Escherichia coli phages incidence 5958.
indicator organisms levels, relationship-viruses levels, review 5234.
marine pollution, enterovirus incidence 2621.
phage T1/poliovirus recovery, adsorption-filters, pH/salts effects on 3260.
phages/viruses ecology 3219.
poliovirus isolation, cell culture methodology 5250.
poliovirus photoinactivation, methylene blue 1927.
pollution, seawater, viruses 5960.
removal-viruses 6008.
viruses detection/concentration 1890.
Sewage effluents,
coliforms/Streptococcus pollution indicator organisms, viruses 5225.
Sewage sludge,
viruses survival, disease spread 1889.
Sex,
effects on influenza A virus seroepidemiology, man 8306.
mice, relationship-AKR leukaemia susceptibility 8121.
Sexually-transmitted diseases,
genital tract infection, diagnosis/treatment, man 4399.
herpes genitalis incidence, man, USA 4463.
patients, hepatitis B surface antigen incidence 7373.
Shallot latent virus,
detection/host range/physicochemical properties/transmission 6119.
Sharka virus,
strains, attenuation/isolation, Prunus persicae 6124.
Sheaths,
structure, phage PBSX-like defective phages 1413.
structure, Rhizobium associated defective phages 7627.
Sheep,
adenovirus vaccination, efficacy, control-pneumoenteritis 5693.
Australia, coronavirus isolation, diarrhoea 492.
bluetongue virus infection, cattle effects on 1223.
Canada, maedi virus infection 1204.
Hungary, adenovirus (bovine)/adenovirus (ovine) seroepidemiology 1215.

IRL©1979

Sheep,(continued)
Japan, orf virus isolation/epidemiology 505.
Kenya, Nairobi sheep disease virus seroepidemiology 1985.
natural/experimental Wesselsbron disease, pathology/clinical manifestations, neonates 488.
Nigeria, rinderpest virus strains isolation 7417.
normal, visna virus inhibitors characterization/isolation, cerebrospinal fluid/serum 6529.
parainfluenza virus association-pneumonia 1207.
parainfluenza virus 3 + Pasteurella haemolytica infection, aetiology, pneumonia 494.
progressive pneumonia diagnosis/pathology 4531.
rabies control/diagnosis/epidemiology 6735.
rotavirus immunization (passive) 2365.
scrapie control/transmission, New Zealand 2675.
sheep pox virus/goat pox virus antibody response 265.
Sudan, parainfluenza virus 3 seroepidemiology 7437.
USA, Idaho, progressive pneumonia seroepidemiology 4539.
vaccinated, rotavirus antibodies levels, colostrum/milk 246.
visna, cerebrospinal fluid abnormalities 1951.
visna virus infection, immune response 1716.
Sheep pox virus,
antibody response, sheep 265.
antigenic relationship-goat pox virus/orf virus 7088.
growth, cell culture, immunogenicity/cytopathogenicity 584.
Shellfish,
enterovirus detection/incidence, review 2619.
hepatitis A virus inactivation, heat treatment 451.
viruses contamination 2618.
viruses detection, methodology 5231.
Shells,
quality, eggs, chickens, adenovirus (avian) infection pathogenicity 3311.
Shigella,
phage DDII/phage DDVI/phage DDVII restriction-modification, specificity 7043.
Shigella flexneri,
phages, restriction-modification, R factors 838.
phages receptors, lipopolysaccharides 180.
Shigella sonnei,
DNA methyltransferase, restriction-phage DDII DNA 2238.
mixed infection-adenovirus, pathology, mice 7440.
phage DDVI DNA methylation 94.
Shigella stutzeri,
DNA methyltransferase, restriction-phage DDII DNA 2238.
phage DDVI DNA methylation 94.
Shock,
associated-dengue virus haemorrhagic fever, pathology/treatment, man 3190.
Shoot-tip culture,
methodology, Citrus, citrus exocortis virus elimination 4584.
Shope fibroma virus,
inhibition-vesicular stomatitis virus defective-interfering particles biosynthesis, in vitro 4052.
polypeptides characterization/protein biosynthesis, in vitro, comparison-cowpox virus/vaccinia virus 6332.
structural protein, comparison-cowpox virus/vaccinia virus 1386.
Shope papilloma virus,
antigenic relationship-papilloma virus (human) 2956.
genomes, detection, benign/malignant tumours, rabbits 6557.
Shrubs,
viruses infection, book 5398.
Sialic acid,
role-erythrocytes receptors-myxovirus 6459.
Sialyltransferase,
activity, adenovirus (human) 12 infected embryo kidney cells, man 686.
Sibiromycin,
binding-phage PM-2 circular DNA, effects on density 4644.
Sicily,
hepatitis A/hepatitis B epidemiology, man 7368.
Sigmodon hispidus,
respiratory syncytial virus experimental infection, immune response 6788.
respiratory syncytial virus infection, immune response/pathology/symptoms 5349.
Silimarina,
treatment-hepatitis, man 6719.
Silverwater virus,
assays, methodology 7522.
Silymarin,
treatment-hepatitis, children, clinical trials 8337.
Simian foamy virus,
antigens, comparison, normal/persistent infection, HEp2 cells 7882.
Simian foamy virus 7,
persistent infection, role-proviruses DNA, rabbits 2097.

Simian haemorrhagic fever virus,
antigenic relationship, strains 1587.
distribution/replication, experimental infection, Macaca mulatta/Papio cynocephalus 8407.
infection, laboratory animals, monkeys 8364.
Simian sarcoma-leukaemia virus,
specific RNA, detection, infected cells, use-hybridization 5541.
Simian sarcoma virus,
antibodies, detection, man 2527.
DNA polymerase (RNA-dependent), heparin effects on 150.
DNA polymerase (RNA-dependent), inhibition, pyrans 776.
DNA polymerase (RNA-dependent), inhibition, rifamycin derivatives 4143.
enhancement-lymphocytes B transformation, man 5158.
envelopes glycoproteins, antibodies detection, man 3629.
glycoproteins, characterization/isolation 1396.
immunofluorescence, use-trypan blue 7866.
related DNA, detection-systemic lupus erythematosus tissues, man, absence 5167.
Simian sarcoma virus 1,
structural protein characterization/envelopes components specific antisera preparation 4703.

Simian virus 5,
budding, epithelium cell culture 4851.
hosts antigens incorporation 3422.
infection, stimulation-hosts cells protein biosynthesis, mechanisms 2865.
persistent infection, L cells, mechanisms 6885.
respiratory tract infection, dogs 5301.
Sindbis virus,
capsid protein, protein biosynthesis/cleavage, cell-free system 2193.
complementary DNA biosynthesis, use-avian myeloblastosis virus DNA polymerase (RNA-dependent) 143.
cytopathogenesis/production, Aedes albopictus cells, inhibition, ribavirin 3653.
cytotoxic lymphocytes T responsiveness, association-histocompatibility antigen H2, mice 6521.
defective-interfering particles, production, kinetics, Aedes

Sindbis virus,(continued)
albopictus/chickens cell lines 7539.
defective-interfering particles, RNA, oligonucleotides mapping 3997.
detection, haemagglutination (indirect), blood, birds, USSR 4218.
envelopes glycoproteins, insertion endoplasmic reticulum 6337.
envelopes/nucleocapsids, subunits morphology 6948.
envelopes proteins biosynthesis, localization, membrane-bound polyribosomes 7740.
glycoproteins, interaction-fatty 5467.
glycoproteins carbohydrates, comparison-host cells 74.
glycoproteins projections, measurements, quasi elastic light scattering/resistive-pulse technique 2798.
glycoproteins structure, chickens embryo cells/hamsters kidney cells 3465.
haemolysis activity, localization 7614.
host range variants, characterization 1424.
induction interferon, rats/rats cells 5649.
induction-interferon, role-gene A/gene G, in vitro 7910.
infected cells, chickens, protein biosynthesis, potassium/sodium concentration effects on 7739.
infected cells, glycoproteins biosynthesis 6354.
infection, effects on heterologous/homologous superinfection Aedes albopictus cells 6173.
infection, immune response (cell-mediated), antibodies-cells interaction, mice 5702.
infection, immune response, mice, complement depletion effects on 3078.
membranes, glycoproteins, freeze-fracture studies/electron microscopy 1390.
membranes polypeptides biosynthesis, in vitro 6339.
mixed infection-Getah virus, antigens competition, cell culture 587.
mutants, hosts proteins content 1538.
penetration, hosts cells, mechanisms 2859.
persistent infection, Aedes albopictus cells, antiviral activity characterization 3100.
persistent infection/properties, review 2094.
phenotype, I-cell disease fibroblasts, man, neuraminidase effects on 586.
precursors polypeptides, characterization, infected cells 5533.
proteins, characterization/isolation, infected Aedes albopictus cell lines 6338.
radioimmunoassay 1569.
replication, Aedes aegypti cell culture, poly (I.C) treatment effects on 1429.
replication, ricin resistant L cells 2194.
RNA, ribosomes protected fragments, characterization 6994.
RNA biosynthesis, Aedes albopictus cells, methionine deprivation effects on 4127.
RNA biosynthesis/cytidine (5-methyl) residues localization, in vitro 760.
RNA 26S, isolation, use-complementary DNA cellulose chromatography 6155.
seroepidemiology, man, France 4477.
Sinefungin,
inhibition-Newcastle disease virus/vaccinia virus mRNA (guanine-7-)-methyltransferase/mRNA (nucleoside-2′-)-methyltransferase 1486.
inhibition-Rous sarcoma virus transformation, embryo fibroblasts, chickens 6574.
Singapore,
dengue virus haemorrhagic fever epidemiology, man 3236.
Sinusitis,
viruses aetiology, man 6643.
Sister chromatid exchange,
cells, viruses infection, man 350.
Sisymbrium irio,
broccoli necrotic yellows virus/cauliflower mosaic virus infection, identification/symptoms, Argentina 5371.
Skin,
athymic nude mice, prevention-herpes simplex virus latent infection, guanosine (acyclo) 7442.
cell culture, man, radiation (u.v.) treated, herpes simplex virus 1 production, correlation-DNA repair 3380.
chronic herpes simplex virus 2 infection, association-tumours, case reports 5898.
complications, infectious mononucleosis treatment, ampicillin, man 2563.
cytology, herpes simplex virus/varicella-zoster virus infection, man 1844.
epidermis necrosis, man, relationship-measles virus vaccines, case reports 237.
guinea-pigs, herpes simplex virus 1 infection, treatment, trisodium phosphonoformate 527.
herpes simplex virus infection, transmission, sports, man 2613.
herpes simplex virus infection, treatment, antiviral agents, guinea-pigs 3885.
involvement-hepatitis virus infection, man 1875.
lesions, cattle, India, rinderpest outbreaks 495.
lesions, viruses infection, diagnosis, electron microscopy 1823.
lymphocytic choriomeningitis virus replication sites, guinea-pigs/hamster/rabbits 7450.
rabbits, papilloma virus (rabbit) infected, transformation, xenografts-athymic nude mouse 5086.
ulcers, association-feline rhinotracheitis virus infection, cats 7404.
ulcers, association-varicella-zoster virus congenital infection, case reports 5915.
viruses infection, diagnosis, electron microscopy, man 5170.
viruses infection, incidence, man, Guinea 3784.
viruses infection, role-immunosuppression, kidney transplantation patients 5173.
viruses infection, treatment, man 6716.
Skin tests,
detection-smallpox hypersensitivity, man 1707.
hypersensitivity (delayed), cattle, detection-infectious bovine rhinotracheitis virus carriers 8344.
Skunks,
rabies virus experimental infection, antibody response 1262.
Slow virus diseases,
animals, conference 4589.
pathology, man, review 6621.
sheep, visna virus mutants development/characterization 6733.
Slow viruses,
infection, central nervous system, pathogenesis/immunity/mechanisms, man/animals, review 457.
infection, role-encephalopathy, haemodialysis, man 2671.
Sludge,
poliovirus 1 detection/persistence 8285.
viruses, public health risks 5244.
viruses detection/survival 8280.
wastewater, detergents identification, modification-enterovirus/poliovirus/reovirus temperature stability 5282.
wastewater, enterovirus/poliovirus/reovirus heat inactivation 5283.
Slurry,
enterovirus (bovine) inactivation, aeration 2716.
enterovirus (porcine)/adenovirus (porcine)/coronavirus

IRL©1979

Slurry,(continued)
isolation 1980.
Small flacherie virus,
infection, Bombyx mori, heat treatment 1274.
Small intestine,
epithelium cells migration, coxsackievirus B5 oral infection, mice 7446.
morphology/epithelium cells kinetics, rotavirus (ovine) experimental infection, juveniles, sheep 8405.
rotavirus infection pathology, man/animals 2573.
Smallpox,
association-arthritis, man, case reports 385.
association-blindness, man, India 6638.
association-laboratories, man, British Isles, case reports 1102.
chemotherapy, man, review 3645.
diagnosis, electron microscopy, man 5170.
diagnosis/risks, travellers 1824.
diagnosis/symptoms/histopathology/prophylaxis/vaccination, elephants 8352.
epidemiology, statistical analysis, man 5968.
epidemiology/eradication, man, review 4506.
epidemiology/transmission/control/prophylaxis, man, review 4470.
eradication 1657, 3258.
eradication, Asia 448.
eradication, history 3259.
eradication, man 5281, 7348.
eradication/incidence, nomads, Somalia 2616.
eradication programmes, review 449.
geographical distribution 423.
hypersensitivity, detection, skin tests, man 1707.
hypersensitivity, reactogenicity, man 1707.
immune status, children, India 5668.
incidence, man, Bangladesh 4469.
inclusion bodies, diagnosis 2536.
review 352.
surveillance/diagnosis, equipment 1140.
transmission, travel, man 6667.
world-wide eradication, USSR contribution 2656.
world-wide eradication, vaccination/surveillance, man 450.
Smears,
staining, diagnosis-herpes simplex virus 2 genital tract infection, man 7275.
SMON virus,
replication in vitro/in vivo, phosphonoacetic acid effects on 577.
Smooth muscle,
antibodies, immunoglobulins classes, significance-hepatitis B prognosis, man 5952.
Snowshoe hare virus,
antigenic relationship-California encephalitis virus/Jamestown Canyon virus/La Crosse virus/Lumbo virus/Tahyna virus/Trivitattus virus 4942.
membranes glycoproteins, comparison-trivittatus virus 5469.
nucleocapsid protein characterization/identification-RNA segments coding 6236.
RNA, glycoproteins coding, identification 6995.
seroepidemiology, Lepus americanus, Canada 1227.
temperature-sensitive mutant/wild type, complementary RNA biosynthesis 7743.
Sodium,
concentration, effects on protein biosynthesis, Sindbis virus infected cells, chickens 7739.
ions, intracellular, relationship-cell density/growth, SV40 transformed 3T3 cells 5788.
stimulation-α-aminoisobutyric acid transport, membranes, SV40 transformed fibroblasts, mice 1005.
transport, HeLa cells, poliovirus infection effects on 7657.
Sodium aurothiomalate,
effects on coxsackievirus B3 infection immune response/pathogenesis, mice 6767.
Sodium bisulphite,
effects on DNA repair, Escherichia coli phages 4856.
inactivation-poliovirus 1/coxsackievirus A9/ECHOvirus 7 1734.
interaction-phage SD DNA 26.
Sodium butyrate,
effects on interferon sensitivity-murine sarcoma virus transformed cells 2334.
Sodium chloride,
concentration, dependence, phage λ DNA melting profiles 6892.
effects on phage SP82 DNA transcription, Bacillus subtilis 4083.
Sodium dodecyl sulphate,
effects on Sendai virus glycoproteins neuraminidase activity/structure 5472.
Sodium hydroxide,
antiviral activity, coxsackievirus B5 3649.
Sodium hypochlorite,
inactivation-coxsackievirus B 2820.
Sodium pyrophosphate,
inhibition-avian myelobastosis virus DNA polymerase (RNA-dependent) 764.
Sogatella kolophon,
transmission-Digitaria striate virus 6150.
Soil,
enterovirus (porcine)/adenovirus (porcine)/coronavirus isolation 1980.
enterovirus survival 3224.
Erwinia carotovora enumeration, use-phages 4889.
mulching, prevention-tomato yellow leaf curl virus transmission, Bemisia tabaci 2060.
phage φX174 adsorption 2654.
retention-phage MS2, kinetics 7339.
retention-phage MS2, wastewater 6009.
transmission-okra mosaic virus, Vigna 8459.
Solanaceae,
susceptibility, tobacco mosaic virus/tomato mosaic virus infection 5365.
Solanum,
Andean potato latent virus infection symptomatology 1291.
crops, tobacco rattle virus/potato virus X detection, weeds 2026.
Solanum chancavense,
Peru, wild potato mosaic virus characterization/isolation 7504.
Solanum gourlayi,
potato virus M disease resistance 2032.
Solanum melongena,
Brinjal mild mosaic virus characterization/isolation 2758.
Iraq, cucumber mosaic virus infection/characterization/transmission 7481.
Solanum spegazzinii,
potato virus M disease resistance 2032.
Solanum tuberosum,
Andean potato latent virus/Andean potato mottle virus detection, latex agglutination 2282.
Hungary, tomato mosaic virus identification/isolation 7506.
infected, potato virus X transmission, Synchytrium endobioticum 2754.
Kenya, tomato black ring virus characterization/isolation 5387.
meristems, ultrastructure, potato leaf roll virus infection 1292.

Solanum tuberosum,(continued)
Netherlands, potato virus Y infection, incidence/transmission 6820.
potato spindle tuber viroid detection, assays/electrophoresis, comparison 5360.
potato virus A/potato virus Y detection, enzyme-linked immunosorbent assay 4931.
potato virus M/potato virus S isolates infection, susceptibility/symptoms 4578.
potato virus M/potato virus X/potato virus Y infected, cytoplasmic inclusions, microscopy (light) 3350.
potato virus S/potato virus X detection, latex agglutination 3537.
potato virus S/potato virus X infection, effects on yield 3921.
potato virus X detection, agglutination/immunodiffusion/precipitin test, methodology 7878.
potato virus X infection, physiology changes, impedance studies 2043.
potato virus X/potato virus Y/potato virus L/potato virus S infection, effects on nitrogen compounds/carbohydrates 3923.
potato virus Y detection, enzyme-linked immunosorbent assay 871.
seeds, viruses control 5394.
viruses resistance 3337.
yield, potato leaf roll virus infection effects on 8444.
Soldado virus,
isolation, Ornithodoros maritimus, France 6068.
Solvents,
interaction-phage M13 coat protein, n.m.r. 6230.
Somalia,
Bhanja virus isolation, Hyalomma plumbeum 7357.
hepatitis B virus seroepidemiology, man 6002.
smallpox eradication/incidence, nomads 2616.
variola epidemics, man, review 7346.
Somatosensory evoked potentials,
multiple sclerosis 467.
Somatotropin,
effects on Friend erythroleukaemia cells growth, in vitro 2490.
Sonacide,
antiviral activity, coxsackievirus B5 3649.
Sonchus yellow net virus,
RNA, sequence complementarity-infected Nicotiana ribosomes 7778.
Sonication,
effects on antigenic characteristics/biological properties, influenza virus 4243.
Sorghum bicolor,
sugarcane mosaic virus infection rates, relationship-inoculum, statistical analyis 6139.
Sorghum halepense,
maize chlorotic dwarf virus/maize dwarf mosaic virus diagnosis, enzyme-linked immunosorbent assay 3333.
Sorghum red stripe disease virus,
infection incidence/transmission, Sorghum vulgare, India 3358.
Sorghum vulgare,
India, sorghum red stripe disease virus infection incidence/transmission 3358.
sugarcane mosaic virus aetiology, red stripe disease 6128.
South Africa,
influenza epidemics, man 3768.
poliomyelitis epidemiology, man 7350.
rabies ecology/control, cattle/jackals 1231.
respiratory tract infection, viruses aetiology, man 5961.
Southern bean mosaic virus,
infection, effects on nitrogen metabolism, Vigna sinensis 7476.
infection/replication, Glycine max callus cell culture 1347.
metals free crystals, preparation/physicochemical properties 6261.
pH dependent biological properties, urea effects on 5491.
proteins, trypsinolysis 1406.
resistant Vigna unguiculata strains, characterization 6125.
Sowbane mosaic virus,
quantitation, immunodiffusion 4237.
Sowthistle yellow vein virus,
transmission (vertical), Hyperomyzus lactucae, mathematical models 2741.
Soybean dwarf virus,
antigenic relationship-turnip yellows virus/beet mild yellowing virus/barley yellow dwarf virus 890.
Soybean mosaic virus,
antigenic relationship-watermelon mosaic virus strains 5633.
detection, enzyme-linked immunosorbent assay, Glycine max seeds 4932.
detection/identification, immunoelectron microscopy 4933.
disease reservoirs, Glycine max, Brazil 6822.
disease resistance, plant breeding, Glycine max 1283.
epidemiology/symptoms/transmission, Glycine max, Iran 3924.
infection, Glycine max, enzyme-linked immunosorbent assay 4934.
strains, classification, use-virulence, Glycine max 7505.
Soybean stunt virus,
disease resistance, plant breeding, Glycine max 1283.
Soybean yellow mosaic virus,
infection, effects on growth/yield, Glycine max 7477.
Spain,
coxsackievirus B4/coxsackievirus B6 seroepidemiology, man 6678.
hepatitis A virus antibodies incidence, man 5271.
peanut stunt virus characterization/isolation, Medicago sativa 7503.
Spasms,
cytomegalovirus aetiology, infants 3171.
Spasticity,
treatment, Baclofen muscle relaxants, multiple sclerosis 459.
SPC,
dengue virus strains, epidemiology/relationship-haemorrhagic fever severity, man 4479.
Spectrin,
role-Sendai virus induced cell fusion, erythrocytes ghosts 5441.
Spectroscopy (photon correlation),
measurements-influenza A virus haemagglutinin spikes 2303.
Spermatocytes,
mice, influenza A virus induced chromosome aberrations 6106.
Spermatozoa,
antibodies, sperm-DNA polymerase (RNA-dependent) 2902.
mice, cytomegalovirus replication 7444.
Spermidine,
effects on ornithine decarboxylase activity, SV40 transformed 3T3 cells 5782.
effects on phage P22 infection, Salmonella typhimurium 711.
effects on tobacco mosaic virus RNA translation fidelity 6365.
interaction-phage T7 DNA 32.
Spermine,
inactivation-phage φX174, DNA, mechanisms 3391.

IRL©1979

Sphaerotheca fuliginea,
synergism-cucumber mosaic virus/watermelon mosaic virus, infection, Cucurbitacae 6127.
Sphaerotilus natans,
phage SN1 characterization/host specificity/isolation 6845.
Sphinx pinastri,
Galleria mellonella nuclear polyhedrosis virus replication 7463.
Spilopsyllus cuniculi,
effects on myxomatosis epidemiology, rabbits, Australia 3867.
transmission-myxoma virus, use-biological control, rabbits 7427.
Spinach mosaic virus,
infectivity, Chenopodium amaranticolor, factors affecting 7478.
mixed infection-launaea mosaic virus, effects on Nicotiana tabacum growth 5374.
Spiroamantadine,
antiviral activity, influenza A virus infection, cell culture/trachea organ culture-ferrets 989.
Spiroplasma,
derived from Drosophila, viruses morphogenesis/structure, review 2814.
viruses, incidence/properties/replication/ultrastructure, review 2813.
Spleen,
δ-aminolevulinic acid synthetase activity, mice, Friend leukaemia virus infection effects on 7241.
cancer patients, oncornavirus detection 8159.
cell cultures, interferon release, macrophages, mice 2976.
cells, Friend leukaemia virus infected, electron microscopy 7240.
cells, heterologous effects on clinical manifestations/immune response, mouse hepatitis virus infection, athymic nude mice 7180.
cells, hybrids-myeloma cells, mice, production-herpes simplex virus 1 antibodies 7857.
cells, mice, Friend leukaemia virus transformed, antibodies induced cell surface antigens loss 4368.
cells, sensitized, effects on coxsackievirus B04 spread, mice/kidney cell culture-monkeys 267.
cells, sensitized, Moloney sarcoma virus induction-cytolytic lymphocytes T, mice 1715.
colonies, origin, Friend leukaemia virus infected mice 1788.
erythroblasts, cholesterol/phospholipids composition, Rauscher leukaemia virus infection, mice 3318.
extracts, effects on Rauscher leukaemia virus induced/spontaneous leukaemia, mice 1792.
interferon levels, Newcastle disease virus infection, mice 7115.
mice, scrapie agent infected, particles characterization/detection 6727.
RNA polymerase I/RNA polymerase II/RNA polymerase III characterization, Rauscher leukaemia virus infected mice 8117.
role-scrapie pathogenesis, mice 2676.
rupture, association-infectious mononucleosis, case reports 2562.
rupture, complications-infectious mononucleosis, case reports 6633.
Spleen focus-forming virus,
antigen (tumour-associated) detection, lymphocytes mediated cytolysis, in vitro 334.
antigen (tumour-associated) expression, genetic control, role-Fv-2 gene, mice 8136.
effects on Friend leukaemia virus transformation-bone marrow cells, mice, in vitro 5137.
glycoprotein gp70, cross-reacting-mink cell focus-forming virus, radioimmunoassay 1588.
glycoproteins, characterization 6240.
induced antigens, relationship-AKR leukaemia virus/Moloney leukaemia virus induced antigens 8096.
persistent infection, mechanisms, mice 5838.
protein biosynthesis, products analysis, kidney cells, rats 151.
proteins characterization 6937.
resistance, mechanisms, anaemia mutants, mice 7237.
RNA, identification/mapping/relationship-helper viruses 6917.
Spleen necrosis virus,
DNA, accumulation, infected cells, birds/rats 7750.
DNA, restriction endonuclease analysis 6214.
Splenocytes,
stimulation, mitogens, scrapie agent infected mice 1949.
Splenomegaly,
associated-hepatitis, man, case reports 2599.
Spodoptera exigua,
biological control, nuclear polyhedrosis virus, Glycine max crop fields 3327.
Spodoptera frugiperda,
cell lines, baculovirus plaque assay 6161.
Spodoptera littoralis,
adaptation-Autographa californica nuclear polyhedrosis virus 5355.
biological control, use-nuclear polyhedrosis virus 4571.
nuclear polyhedrosis virus, host range/infectivity, pH/temperature effects on 4042.
Spodoptera litura,
biological control, nuclear polyhedrosis virus 5356, 7462.
nuclear polyhedrosis virus, stability 6258.
nuclear polyhedrosis virus inclusions pathogenesis 550.
Spongiform polioencephalomyelopathy,
oncornavirus, pathology, incubation time, correlation-inoculum concentration, mice 4366.
Spores,
Bacillus subtilis, trapping-phage φe/phage φ29 4901.
Sports,
transmission-herpes simplex virus skin infection, man 2613.
Sporulation,
Bacillus subtilis, relationship-phage φ29 replication 2934.
Sprays,
Newcastle disease virus vaccines administration, chickens 943.
Spring viraemia of carp,
rhabdovirus isolation/characterization, Cyrpinus carpio 1205.
Spring viraemia of carp virus,
infection, Cyprinus carpio, British Isles 4532.
transmission, Argulus foliaceus, Cyprinus carpio 2711.

RNA, 5′-terminus, sequence analysis 6353.
Squash mosaic virus,
epidemiology/incidence, Cucumis melo/Cucurbita maxima/Cucurbita pepo/weeds, USA, Massachusetts 2051.
Squirrel monkey virus,
antigenic relationship-oncornavirus (avian)/oncornavirus (bovine)/oncornavirus (equine)/Mason-Pfizer monkey virus/visna virus 2965.
gag gene gene mapping 4186.
Squirrel monkeys,
oncornavirus (simian), proteins, comparison-Mason-Pfizer monkey virus 1395.
Sri Lanka,
hepatitis A virus/hepatitis B virus seroepidemiology, man 6698.
measles virus immunity, children 277.

St. Louis encephalitis,
clinical manifestations/diagnosis/EEG studies, case reports 8232.
epidemics, clinical manifestations/pathology, man, USA, Ohio 1143.
epidemics/epidemiology, man, USA, Tennessee 431.
epidemiology/control, man, USA, Alabama 430.
epidemiology/diagnosis/Culex nigripalpus vectors, USA, Florida 432.
outbreaks, epidemiology, man, USA, Illinois 6683.
St. Louis encephalitis virus,
epidemiology, correlation-Culex tarsalis populations, USA, California 8296.
epidemiology, man/horses, USA, Iowa 8290.
infection, hypersensitivity (delayed), monocytes infiltration, mice 6524.
Staining,
localization-hepatitis B surface antigen, liver 1828.
Staphylococcus,
dogs isolates, phage typing 2923.
phage typing 2926.
phage typing, dogs isolates, Taiwan, Taipei 6394.
phage typing, equipment 1548.
phage typing, human/cattle/poultry isolates 7833.
Staphylococcus aureus,
adherence-influenza virus infected kidney cells, rabbits, role-protein A 2100.
antibiotic resistance transfer-gentamicin, role-phages 184.
capsules, effects on phage 52A/phage 84 adsorption 4061.
chloramphenicol antibiotic resistance, transduction-phage M-15 7844.
combination-lynoestrenol, effects on growth-herpes simplex virus 1 induced tumours, hamsters 309.
competence, phages lysates effects on 3500.
enterotoxins, induction-interferon, lymphocytes, man 1623.
phage typing 2920, 7836.
phage typing, phage 292 7042.
poultry isolates, phage typing 7039.
R factors, development, role-phages 1543.
resistance, mice, Sendai virus infection effects on 2018.
wounds isolates, man, phage typing 7835.
Starch,
AMP (cyclic) induced dissociation, associated-cell membranes/chloroplasts membranes alterations, clover yellow mosaic virus infection, Triflium 7474.
Stationary phase,
Achromobacter, phage α3a replication 6264.
Stem cells,
mice, endogenous C-type virus antigens expression 2292.
Steptococcus lactis,
phages isolation/characterization 185.
Steroids,
treatment-hepatitis, man 5211.
Stomach,
ulcers, associated-cytomegalovirus infection, presentation-stomach tumours, man, case reports 7297.
Stomatitis,
herpesvirus, association-bone marrow aplasia/hepatitis/leukaemia (acute lymphoblastic), man, case reports 368.
Stomatitis (aphthous),
aetiology, man 6620.
viruses aetiology, man 6618, 6619.
Storage,
internal brown spot disease incidence, Dioscorea alata 2748.
Strawberry latent ringspot virus,
identification/isolation, Petroselinum crispum, USA 6799.
RNA, poly (A) content 6925.
Streak virus,
infection, Pennisetum typhoides, effects on yield 5375.
Streptococcus,
infection, complications-varicella, case reports 383.
mixed infection-coxsackievirus A18, pathology, mice 2726.
phage typing 4893.
phages, antigenic characteristics/lysis 4197.
phages associated hyaluronidase, antigens characterization 6446.
phages isolation/significance, milk products 183.
pneumonia, association-influenza B, man 6653.
pollution indicator organisms, viruses, sewage effluents 5225.
Streptococcus cremoris,
phage typing, lysis resistance 2237.
phages, host range mutants, antigenic characteristics 4935.
Streptococcus faecalis,
antiviral agents derived from, effects on herpes simplex virus 1 plaques formation, HeLa cells/physicochemical characteristics 5076.
antiviral agents derived from, effects on adenovirus (human) 12 tumours induction/herpes simplex virus 1 infection, mice 5077.
media (culture derived from, antiviral activity, chikungunya virus/herpes simplex virus 1/influenza A virus 5075.
Streptococcus group A,
phage CAI resistance, characterization/selection 2243.
Streptococcus lactis,
cheese, phages infection 831, 837.
Streptococcus pneumoniae,
genes, transduction, phage PG24 3510.
phage PM2 DNA transport/uptake 7847.
Streptococcus pyogenes,
erythromycin antibiotic resistance transfer, role-endogenous phages 2240.
Streptococcus viridans,
influenza A virus adsorption 682.
Streptomyces,
transducing phage φSV1 isolation 4207.
Streptomyces albus,
phage R4 restriction-modification, role-endonuclease 2248.
Streptomyces aureofaciens,
restriction endonuclease cleavage-phage λ DNA 599.
Streptomyces cattleya,
restriction-modification, phage FF4 4896.
Streptomyces hygroscopicus,
phages, restriction modification 1546.
Streptomyces lavendulae,
restriction endonuclease, cleavage sites, phage T4 DNA 6196.
Streptomyces lipmanii,
restriction-modification, phage FF4 4896.
Streptomyces olivaceus,
restriction-modification, phage FF4 4896.
Streptomyces stanford,
restriction endonuclease, characterization/phage λ DNA cleavage 1356.
Streptomyces stanfordii,
restriction endonuclease, cleavage sites, localization, adenovirus (human) 2/adenovirus (human) 5 DNA 6908.
Streptozotocin,
induction-A-type virus/C-type virus, associated-insulitis/pancreas, mice 2729.

Stump-tailed macaque virus,
genomes DNA, sequence homology-SA12 virus/SV40 6200.
papovavirus (primate) identification 4600.

IRL©1979

Styrylquinazolines,
derivatives, antiviral activity 5078.
Subacute sclerosing panencephalitis,
aetiology/clinical manifestations/incidence, children, British Isles 3852.
atypical, psychological aspects, case reports 3851.
brain, man, measles virus specific immunoglobulin G, characterization 276.
brain changes, radioisotopes scanning, man 7397.
brain immunoglobulin G, use-detection-measles virus, man 6732.
case reports 1190, 6731.
chromosomes alterations, man 6730.
diagnosis, man 8343.
DNA/RNA/measles virus/rubella virus antibodies detection 1945.
effects on lymphocytes blastogenesis/receptors, man 6038.
epidemiology, man, Sardinia 5990.
epidemiology, man, USA 5298.
epidemiology/transmission/control, man, review 4515.
experimental infection, immune response, Macaca mulatta 1950.
eye involvement, retina ultrastructure, man 6039.
immunoglobulin G biosynthesis, brain, man 5059.
immunoglobulins light chain λ/light chain κ levels/ratios, man 7395.
incidence, man, Romania 1191.
measles virus strains, neurovirulence-ferrets/biological properties-cell culture, comparison-measles virus 2733.
measles virus/subacute sclerosing panencephalitis virus M protein antibodies, absence, man 5743.
measles virus vaccination recommendations, man 2404.
oligoclonal immunoglobulins, idiotypes characterization, man 5055.
role-measles virus, man 5299.
treatment, interferon, man, clinical trials 7912.
treatment, transfer factor, man 7398.
Subacute sclerosing panencephalitis virus,
infection, central nervous system diseases, hamsters 2016.
M protein antibodies, absence, subacute sclerosing panencephalitis, man 5743.
neurovirulence, monkeys 3900.
persistent infection, BHK cells, antigens expression 3967.
persistent infection, cell lines derived from central nervous system, response-hormones stimulation 4625.
replication in vitro, inhibition, ribavirin 998.
strains, polypeptides, comparison-measles virus strains 4706.
Submandibular gland,
mice, cytomegalovirus infected cells, cytoplasm inclusions characterization 1249.
Subretinal neovascularization,
association-rubella virus retinopathy, man, case reports 1866.
Subterranean clover red leaf virus,
infection, incidence, subterranean clover red leaf virus/relationship-Aulacorthum solani levels, Vicia faba 8452.
infection, pathology, Pisum sativum/Vicia faba, Tasmania 3919.
resistance, Phaseolus vulgaris 2028.
Succindialdehyde,
effects on morphology, Dane particles 8024.
Sucrose electrolytes solutions,
rotavirus diarrhoea treatment, children 454.
Sudan,
Ebola virus antibodies incidence, plasma, man 3810.
Ebola virus haemorrhagic fever epidemics, man 434.
Ebola virus haemorrhagic fever epidemics, control/surveillance, man 3806, 3812.
Ebola virus haemorrhagic fever epidemiology, man, role-mammals 3808.
Ebola virus haemorrhagic fever outbreaks, control, man 3800.
Ebola virus haemorrhagic fever outbreaks, man 3801, 3802, 3803.
Maridi virus haemorrhagic fever, clinical manifestations/epidemics/pathology/transmission, man 4433.
parainfluenza virus 3 seroepidemiology, domestic animals 7437.
Sudden infant death syndrome,
aetiology, role-viruses 8177.
aetiology/pathogenesis, review 1830.
man, role-hypothermia/influenza A 5171.
Sugarcane mosaic virus,
aetiology, red stripe disease, Sorghum vulgare 6128.
antiviral activity, arsenomolybdic acid/arsenovanadotungstic acid/phosphotungstic acid/tungstosilicic acid 1733.
control, heat treatments + buds culture, Saccharum 3936.
disease spread, Saccharum officinale 3935.
infection rates, relationship-inoculum, Sorghum bicolor, statistical analyis 6139.
isolation, Panicum crusgalli 5386.
Sugars,
intolerance, association-rotavirus gastroenteritis, children 1862.
transport, Escherichia coli carrying Col factors, phage T5 nonpermissive infection effects on 5596.
transport, inhibition-adenosine (5′-deoxy-5′-S-isobutylthio), embryo fibroblasts, chickens, Rous sarcoma virus transformation effects on 6576.
uptake, embryo fibroblasts, chickens, stimulation, avian myeloblastosis virus glycoproteins 8080.
Sula bassana servator,
New Zealand, Johnston Atoll virus isolation-Ornithodoros capensis 3299.
Sulphite,
antiviral activity, phage T1, pH effects 2458.
Sulphydryls,
effects on haemoglobin biosynthesis, Friend leukaemia virus infected spleen cells 7239.
Sunblotch disease,
indole-3-acetic acid oxidase/peroxidase activity/isoenzymes, Persea americana 2034.
Persea americana, polyphenoloxidase activity 2035.
Sunflower mosaic virus,
interaction-Alternaria alternata, Helianthus annuus 6796.
Sunnhemp rosette virus,
characterization/classification 79.
Surface,
avian cells, avian leucosis virus/avian sarcoma virus antigen (tumour-associated) expression 2291.
tumour cells, mice, AKR leukaemia virus/Friend leukaemia virus antigen (tumour-associated) characterization/detection 2293.
Surface charge,
hyaluronidase sensitive, during Friend erythroleukaemia cells differentiation, dimethyl sulphoxide effects on 8106.
Surface water,
viruses detection, methodology 7337.
Surfactants,
treatment-herpes simplex virus infection, genital tract, man 6609.
Surgery,
effects on Moloney sarcoma virus tumours growth/immune response, BALB/c mice 1794.
hepatitis B surface antigen transmission 1160.

Surgery,(continued)
transmission-hepatitis B virus, absence, man 1919.
treatment-herpes simplex virus eye infection, man 5288.
treatment-herpes simplex virus recurrent infection lesions, man, case reports 1166.
SV40,
adenosine (N^6-methyl) containing mRNA, identification/mapping 7694.
antibodies, incidence, children 3708.
antibodies incidence, cervix tumours, man 5847.
antigen (tumour-associated), characterization, infected/non-infected/transformed cells, mice 6560.
antigen (tumour-associated), immune response (cell-mediated), histocompatibility gene mapping, mice 5027.
antigen (tumour-associated)/tumours, review 5087.
antigen (tumour-specific), antigenicity, hamsters/mice 4238.
antigen (tumour-specific), cross-reactivity-BK virus transformed cells antigen (tumour-specific) expression 6556.
antigen (tumour specific), lymphocytes T cytotoxicity, genetics, mice 7209.
antigen T, absence-brain tumours, man 1048.
antigen T, amino acid sequence/DNA nucleotide sequence coding, homology-polyoma virus, comparative studies 6448.
antigen T, association-nucleoproteins complex 2882.
antigen T, binding-single-stranded DNA 5624.
antigen T, characterization/structure 2957.
antigen T, expression, meningioma, man 7259.
antigen T, high molecular weight, biosynthesis, cell-free system 2183.
antigen t, identification-DNA sequence coding 1473.
antigen T, physical properties, alkylation effects on 4014.
antigen T, protein kinase activity 7693.
antigen T, purification behaviour, comparison-antigen (tumour-specific) 876.
antigen T, quantitation, immunoperoxidase 2082.
antigen T, relationship-antigen (tumour-specific), transformed cells, mice 3542.
antigen t, relationship-hosts cells DNA biosynthesis theophylline sensitivity 4743.
antigen T, N-terminus, tryptic peptides, characterization 878.
antigen T/antigen U, antigenic determinants properties, comparison 3538.
antigen T/antigen U, characterization/localization, transformed cells 3539.
antigen T binding-chromosomes, infected fibroblasts, Muntiacus muntjak 197.
antigen T biosynthesis, cell-free system 6449.
antigen T expression, genetics, man 3541.
antigen T expression, skin fibroblasts, man, interferon effects on 877.
antigen T production, infected/transformed cells, interferon effects on 4970.
antigen T proteins, relationship-adenosinetriphosphatase/protein kinase activity 4239.
antigenicity, hamsters 3656.
assembly, electron microscopy/biochemical analysis 7785.
chromatin, DNA replication origin, endonuclease recognition/structure 4096.
chromatin, endonuclease cleavage sites 2121.
chromatin, nucleosomes, arrangement, electron microscopy 118.
chromatin, structure 2784.
chromatin, structure/transcription, histones acetylation effects on 121.
chromatin structure 618.
chromosomes, detection, histones 37.
chromosomes, DNA fragments, analysis 3989.
chromosomes, histones mobility 1385.
chromosomes, nucleosomes arrangement 36.
chromosomes, structure, histone H1, effects on 7584.
chromosomes replication 124.
cloned hosts substituted DNA variants, transcription 4778.
closed circular DNA, separation, methodology 6154.
cytotoxicity, prevention, chloroquine, CV-1 cells 2084.
deletion mutant, antigen t coding regions nucleotide sequence 6234.
deletion mutant, antigen T nucleotide sequence analysis 6201.
deletion mutant, containing mRNA 16S leaders sequence, analysis/construction 7811.
deletion mutant, DNA, nucleotide sequence analysis 3990, 6384.
deletion mutant, late mRNA, 5′-terminus caps, heterogeneity 7703.
deletion mutant, mRNA biosynthesis 2881.
deletion mutant construction, methodology 7812.
denaturation mapping/genes mapping, comparison-phage φX174 3973.
DNA, auromomycin induced strands breaks 7578.
DNA, binding-benzo(a)pyrene diol epoxide, bases specificity 2785.
DNA, binding-proteins, mapping, electron microscopy 613.
DNA, cleavage, Escherichia coli restriction endonuclease 617.
DNA, cleavage, restriction endonuclease, mapping 35.
DNA, conformation/replication, cytidine (5-aza) effects on 5528.
DNA, histones occurrence, infected CV-1 cells 1384.
DNA, homology-BK virus 4656.
DNA, infection in vitro, heterologous interference, mechanisms 3455.
DNA, integration, infection, cells, monkeys 737.
DNA, integration, micehuman somatic cells hybrids 2185.
DNA, Klebsiella pneumoniae restriction endonuclease recognition sequence 620.
DNA, late strands, transcription, RNA polymerase 4103.
DNA, persistence/recombination, CV1 cells 7646.
DNA, phage P1 restriction endonuclease cleavage sites 4660.
DNA, recombinants joints, nucleotide sequence 3987.
DNA, replication, in vitro requirements 2182.
DNA, replication origin, comparison-BK virus/polyoma virus 6978.
DNA, replication origin containing fragments, nucleotide sequence 3986.
DNA, restriction endonuclease fragments, nucleotide sequence 4661.
DNA, restriction endonuclease recognition sites 1360.
DNA, sensitivity, phage T4 endonuclease V, radiation (u.v.) effects on 6906.
DNA, sequence, homology-BK virus/polyoma virus 6202.
DNA, structure, CV-1 cells 3394.
DNA, transcription, Xenopus oocytes 6981.
DNA, transcription initiation following infection 4099.
DNA, transcription/translation-antigen T/capsid protein, Xenopus laevis oocytes 2879.
DNA biosynthesis, CV-1 cells, radiation (u.v.) effects on 2883.
DNA biosynthesis, inhibition, benzo(a)pyrene derivatives 7695.
DNA biosynthesis, regulation, gene A 6980.
DNA biosynthesis, role-DNA polymerase 120.
DNA biosynthesis defective temperature-sensitive mutant, phenotypic complementation, antigen T addition, CV-1 cells 818.
DNA homology-BK virus/JC virus 7580.

IRL©1979

SV40,(continued)
DNA replication, accumulation-late replicative intermediates 6317.
DNA replication, CV1 cells 4777.
DNA replication, mitomycin C/hamsters effects on, permissive cells, hamsters 8045.
DNA replication, origin localization 122.
DNA transcription complex, electron microscopy, kidney cells, mice 4097.
double-stranded DNA, interaction-calf thymus/wheat germ RNA polymerase II, comparison 7699.
early antigen/transcription, comparison-BK virus 5527.
early DNA fragments, mapping 2119.
early gene expression, transformed cells, rats 2880.
early/late mRNA, translation products characterization 6319.
early mRNA, characterization 736.
early mRNA, structure 4781.
early mRNA, 5′-terminus characterization 7702.
effects on uridine (5′-bromo-2′-deoxy) mutagenesis-cells, hamsters 3378.
entry-organelles, membrane fusion mechanisms, cells 4738.
gene expression, relationship RNA splicing, stem cells, mice 7700.
genomes DNA, sequence homology-SA12 virus/stump-tailed macaque virus 6200.
glycoproteins characterization, transformed cells, hamsters 7697.
inactivation, chlorine 7199.
induced ear tumours, hamsters 7214.
induced fibrosarcomas, hamsters, kallikrein levels/growth, bradykinin effects on 4349.
induced sarcoma, antigen (tumour-specific) characterization/isolation, mice 5095.
induced sarcoma antigen (tumour-associated), immune response, mice 3663.
induced tumours, antigen (tumour-associated), cell-mediated cytotoxicity, cyclophosphamide effects on, mice 7210.
induced tumours, associated immunosuppression, hamsters 7970.
induced tumours, association-immune complexes-glomerulonephritis, hamsters 3111.
induced tumours, growth, immune response (cell-mediated)/immune response (humoral) during, hamsters 1691.
induced tumours, growth, lymphoid tissues histology during, hamsters 5093.
induced tumours, immune response, hamsters 6565, 6566.
induced tumours, immunity, hamsters, BCG effects on 4348.
induced tumours, lymphocytes T cytotoxicity, inhibition-Freund's adjuvant, mice 4342.
induced tumours, mice, rejection, role-antigen (tumour-specific) 1750.
induced tumours, mice, vaccinia virus oncolysates treatment 305.
induction, light + proflavine, transformed cells, hamsters 5787.
induction-tumours, hamsters, suppression, gonadectomy/immunosuppressive agents/steroid hormones 5094.
induction-tumours, pathogenesis, hamsters 6564.
induction-tumours, rosette formation, thymocytes, hamsters 3664.
infected BSC-1 cells, rRNA, cytidine (5-aza) effects on 6318.
infected cells, DNA recombination, review 173.
infected cells, extrachromosomal low molecular weight DNA purification 733.
infected cells, histones acetylation 7653.
infected cells, transcription, cytosol effects on 6979.
infected cells, tumours antigens expression, inhibition-interferon 6464.
infected kidney cells, RNA (heterogeneous nuclear), complex-proteins, characterization 4104.
infection, brain cells, man/monkeys, ultrastructure 5415.
infection, effects on growth/differentiation/relationship-antigen T expression, epidermis keratinocytes, man, in vitro 3386.
infection, effects on immune status, hamsters 6510.
infection, effects on tumour cells methotrexate sensitivity, hamsters 5089.
infection, embryo cells, rats, assays/transformation susceptibility 3116.
infection, laboratory animals, monkeys, transmission risks, man 8367.
infection, susceptibility, teratocarcinoma tumour cells, mice 1331.
infection/transformation, pancreas cell lines, rats, establishment 5088.
infectivity, plaque assay 2082.
insertion-β-globin complementary DNA, cloning 4180.
large/small antigen T, isolation/characterization 875.
late DNA, transcription, regulation, models 7704.
late RNA, heterogeneity/5′-terminus structure 4101.
late mRNA, splicing 4780.
late RNA transcription patterns 2184.
leaders segments mutants, mRNA structure 2884.
minichromosomes, histones acetyl groups, turnover 3403.
minichromosomes DNA, transcription, calf thymus/Escherichia coli RNA polymerase 7701.
nucleoproteins complex, characterization/identification 7632.
nucleoproteins complex, histones structure, comparison-monkeys kidney cells histones 4716.
nucleoproteins complex, multiple forms, characterization/detection 1472.
nucleoproteins complex characterization/isolation, CV-1 cells 3417.
physicochemical properties/tumorigenicity, man, review 8141.
proteins, infected/cross-reactivity-antigen T, infected/transformed cells 4611.
proteins, intracellular localization, temperature-sensitive mutant infected cells 7698.
recombinants, DNA, nucleotide sequence 5451, 5452.
recombination frequency, in vitro 7031.
related, antigen T, detection, brain tumours, cancer 5846.
replicative form, associated histones, characterization 1471.
mRNA, nucleotide sequence, evolutionary genetics 2871.
RNA, 5′-terminus, nucleotide sequence 1367.
mRNA, 5′-terminus leaders sequences, characterization, infected cells 123.
mRNA, 5′-terminus sequence heterogeneity 7696.
mRNA, transcription unit production, review 6982.
mRNA, translation, cell-free system 4779.
RNA biosynthesis/characterization, BSC-1 cells 735.
mRNA leaders, nucleotide sequence determination, methodology 4102.
specific antigens, detection, SV40-adeno-hybrid virus infected/transformed HeLa cells 4343.
spliced late RNA, mapping 125.
structural protein, amino acid sequence 4661.
temperature-sensitive mutant, B gene/C gene, characterization/isolation 1534.
temperature-sensitive mutant, DNA, restriction endonuclease cleavage patterns 2120.
temperature-sensitive mutant, induction-antigen (tumour-specific), hamsters, in vitro/in vivo 1004.
temperature-sensitive mutant, induction-tumours, hamsters

SV40 (continued)
5791.
temperature sensitive mutant, induction-tumours, adults/neonates, Syrian hamsters 6567.
temperature-sensitive mutant, transformed Chinese hamster embryo cells, DNA biosynthesis initiation, role-A gene 1006.
temperature-sensitive mutant, transformed Balb/c cells, growth 3657.
temperature-sensitive mutant transformed cells, hamsters, chromosomes abnormalities 2463.
transcription, regulation, infected African green monkey kidney cells 4100.
transformation, cells, man, in vitro, carcinogens pretreatment effects on 2464.
transformation, effects on aminopeptidase activity, surface, cells, mice/rats 3659.
transformation, effects on phosphorylation/uridine transport, fibroblasts, mice 5798.
transformation, effects on platelets growth factors requirement, cells 3661.
transformation, embryos, mice, effects on growth 5792.
transformation, WI-26 cells/WI-38 cells, effects on alkaline phosphatase 1755.
transformed BALB/c 3T3 cells, glycosaminoglycans distribution 3115.
transformed BALB/c 3T3 cells, substrate adhesion site, collagen, absence 303.
transformed cell lines, macrophages cytotoxicity, mice/rats 298.
transformed cell lines, man, chromosomes analysis 4345.
transformed cell lines, mice/rats, benzaldehyde derivatives cytotoxicity 7204.
transformed cells, antigen T expression, relationship-cell cycle 8052.
transformed cells, chromosomes derived from, transformation induction, cells mice/rats 5773.
transformed cells, growth, calcium/magnesium effects on 4347.
transformed cells, growth, in vitro 5097.
transformed cells, growth, inhibition, benzaldehyde 8049.
transformed cells, hamsters, antigen T biosynthesis/phosphorylation 3540.
transformed cells, hamsters, karyotypes/tumorigenicity 6561.
transformed cells, hybrids-normal cells, antigen T expression/tumorigenicity, mice 8047.
transformed cells, lymphocytes T cytotoxicity, role-histocompatibility antigen H-2, mice 7166.
transformed cells, man, fibronectin/procollagen matrix, loss, reversal, hormones 8050.
transformed cells, membranes characteristics, review 5790.
transformed cells, mice, cell-mediated cytotoxicity, lymphocytes T-lymphocytes T cooperation 6508.
transformed cells, mice, glycosaminoglycans composition 8043.
transformed cells, mice, heparin sulphate metabolism 301.
transformed cells, mice, succinylated concanavalin A effects on 1751.
transformed cells, mice, viruses/DNA induction, mitomycin C 304.
transformed cells, proteins phosphorylation, membranes, role-protein kinase 2465.
transformed cells, rats, chromatin/ribosomes associated protein kinase 2466.
transformed cells, rats, contact-normal cells, induced cell surface glycopeptides changes 5091.
transformed cells, tubulin levels, radioimmunoassay 1754.
transformed ethidium bromide resistant cells, hamsters, growth 5090.
transformed fibroblasts, hamsters, antibodies binding, complement effects on 5781.
transformed fibroblasts, hamsters, phospholipids metabolism 5092.
transformed fibroblasts, hamsters/mice, ultrastructure 5789.
transformed fibroblasts, man, growth/morphology, AMP (cyclic) effects on 7213.
transformed fibroblasts, man, methionine independent revertants, properties 4344.
transformed fibroblasts, man, proteins, comparison-normal cells 1753.
transformed fibroblasts, man, rRNA biosynthesis, inhibition-puromycin aminonucleoside 8148.
transformed fibroblasts, mice, α-aminoisobutyric acid transport, membranes, stimulation, sodium 1005.
transformed fibroblasts, mice, glucose transport 7211.
transformed fibroblasts, mice, membranes protein composition/glycoprotein composition, trypsin/ethylenediaminetetraacetate/urea effects on 5780.
transformed fibroblasts, mice, phosphate transport, membranes 300.
transformed fibroblasts, mice, phosphate transport 3113.
transformed fibroblasts, rats, growth control/transformed phenotype maintenance 6562.
transformed kidney cell lines, membranes, fatty acids/glycolipids composition 5785.
transformed mammalian cells, growth, relationship-uridine transport 3658.
transformed Muntiacus muntjak vaginalis cell lines, characterization/establishment 3660.
transformed/non transformed 3T3 cells, growth, inhibition-cell density 6559.
transformed pharynx cells, man, colony formation, semisolid agar 1756.
transformed prostate tissues, cross-reactivity-foetuses antigens, hamsters 3112.
transformed 3T3 cells, cell cycle, regulation, calcium ions 5786.
transformed 3T3 cells, cell density/growth, relationship-intracellular potassium/sodium ions 5788.
transformed 3T3 cells, cholesterol/fatty acids/phospholipids composition, membranes 3662.
transformed 3T3 cells, chromatin processing/structure/transcription 734.
transformed 3T3 cells, growth/viability enhancement, serum factor III isolation/characterization 302.
transformed 3T3 cells, membranes, fluorescence studies 6563.
transformed 3T3 cells, membranes structure, relationship-agglutination 1757.
transformed 3T3 cells, plasminogen activator release, inhibition, interferon 2983.
transformed 3T3 cells, platelets aggregation activity, extraction/characterization 8051.
transformed 3T3 cells, potassium transport, ouabain effects on 6558.
transformed 3T3 cells, RNA efflux, cordycepin-inhibition 6575.
transformed 3T3 cells, single-stranded DNA characterization/isolation 6983.
transformed 3T3 cells, single-stranded DNA isolation/characterization 8044.
transformed WI-38 cells, characterization/growth 3114.
transformed WI-38 cells, ε-(γ-glutamyl)lysine isopeptide bonds 1752.
transformed WI-38 cells, protein kinase activity 7212.
transformed WI-38 cells, resistance, reovirus infection 1337.

IRL©1979

SV40,(continued)
transformed 3T3 cells, calcium transport 8048.
transformed 3T3 cells, cell cycle/chromosomes, polyamines deprivation effects on 5784.
transformed 3T3 cells, growth/renin, angiotensin/antagonists effects on 5783.
transformed 3T3 cells, ornithine decarboxylase activity, propane-1,3 diamine/putrescine/spermidine effects on 5782.
uptake, nonpermissive cells/permissive cells, DEAE-dextran effects on 2164.
variants, DNA replication rate/encapsidation efficiency 4098.
virions, stability during nucleoproteins extraction 6160.
yield after uncoating, nuclei, CV-1 cells 679.
SV40-adeno-hybrid virus,
DNA, characterization 3988.
infected/transformed HeLa cells, SV40 specific antigens detection 4343.
mRNA, leader sequence, role-translation 1474.
proteins, characterization/relationship-antigen T 5461.
transformation, cell lines, rats, genomes expression 4346.
transformed cell lines, hamsters, adenovirus (human) 2 DNA content 7711.
Swabs,
vagina, herpes simplex virus isolation/stability 6674.
Sweden,
hepatitis A/hepatitis B/hepatitis (non-A, non-B) epidemiology/incidence, man 5266.
Sweet potato internal cork virus,
infection, Ipomoea batatas, Nigeria 3357.
Sweet potato mosaic virus,
infection, Ipomoea batatas, Nigeria 3357.
Swine influenza virus,
combined vaccines-pseudorabies virus, efficacy, pigs 2421.
Swine vesicular disease,
clinical manifestations/diagnosis/epidemiology, pigs, review 1967.
clinical manifestations/histopathology, experimental infection, pigs, juveniles 6094.
Swine vesicular disease virus,
inactivation, glutaraldehyde, heart tissue culture, pigs 5762.
Switzerland,
rabies epidemiology/incidence/treatment, man/animals 8384.
Sylvilagus floridanus,
susceptibility, Jamestown Canyon virus/Keystone virus experimental infection 8410.
Synchytrium endobioticum,
transmission-potato virus X, infected Solanum tuberosum 2754.
Syncytia,
inhibition, Vero cells, detection-bovine leukaemia virus antibodies, methodology 3955.
regression, in vitro, detection-antibodies, respiratory syncytial virus-cattle 5442.
Synechococcus elongatus,
biological control, use-phage SM-2 6118.
Syphilis,
FTA-ABS test results, herpes simplex virus genital tract infection effects on, man 1847.
man, hepatitis B antigen/antibodies incidence 1918.
Syringes,
risks-bovine leukaemia virus transmission, cattle 6579.
risks-hepatitis B virus transmission, man 3254.
risks-hepatitis transmission, man 2636.
transmission-bovine leukaemia virus, cattle 1776.
transmission-hepatitis B virus, case reports 5274.
Systemic lupus erythematosus,
aetiology, role-C-type virus, man 3152.
association-C-type virus immune complexes, man 3756.
Epstein-Barr virus capsid antigen antibodies levels, man 6517.
hospitals personnel, viruses antibodies detection 1832.
influenza virus vaccination efficacy/safety 2393.
lymphocytes T levels/viruses infection 3160.
man, herpes zoster incidence 6675.
man, influenza A virus vaccination, immune response 235.
man, influenza A virus vaccination efficacy 232, 233, 234.
man, measles virus DNA detection 6654.
meales virus antibodies levels 1873.
patients, measles virus/influenza virus/parainfluenza virus/adenovirus antibodies levels 403.
patients, virus-like particles isolation, kidney epithelium cells 5202.
tissues, man, absence-Rauscher leukaemia virus/Simian sarcoma virus related DNA 5167.

Tacaribe virus,
Vero cells, effects on herpesvirus/vesicular stomatitis virus replication 2768.
detection, Vero cells, electron microscopy, models-arenavirus infection diagnosis 348.
heterologous vaccination, protection-Junin virus infection, guinea-pigs 940.
infection, susceptibility, mice, age effects on 539.
protein biosynthesis, BHK-21 cells 4825.
virulence alterations, passage-mice 2009.
Tahyna virus,
antigenic relationship-California encephalitis virus/Jamestown Canyon virus/La Crosse virus/Lumbo virus/snowshoe hare virus/Trivitattus 4942.
epidemiology, France 8286.
isolation, Aedes vexans/Anopheles maculipennis, Czechoslovakia, Slovakia 3242.
isolation-Culiseta annulata, Czechoslovakia, Moravia 3303.
replication/transmission, mosquitoes 2052.
Tail fibres,
assembly, mutants, characterization/isolation, phage T4 4154.
attachment, role-wac gene, phage T4 assembly 4155.
attachment-phage T4, electrophoresis study 790.
isomerization, concentration/ionic strength dependence, phage T2 69.
isomerization, thermodynamics, phage T2 68.
phage T2/phage T6, electrical birefringence 4715.
position, role-phage T4 adsorption 1436.
structure, phage I 4032.
Taiwan,
hepatitis B surface antigen/antibodies incidence/subtypes distribution, man 1913.
hepatitis B surface antigen/antibodies incidence, cirrhosis/liver tumours, man 6005.
influenza surveillance, use-mortality levels, man 3247.
viruses Japanese encephalitis virus, Culex 2625.
Tamias striatus,
Lymantria dispar nuclear polyhedrosis virus aerial applications effects on 3329.
Target cells,
identification, Friend leukaemia virus infection, mice, use-erythrocytes colonies growth 3691.
mice, assays-Friend leukaemia virus, methodology 3956.
mice, Friend leukaemia virus replication/transformation, erythropoietin responsiveness 1787.
specificity, avian myeloblastosis virus/avian myelocytomatosis virus transformation, in vitro 3673.

Tasmania,
subterranean clover red leaf virus infection pathology, Pisum sativum/Vicia faba 3919.
Taxonomy,
influenza virus 7495.
paramyxovirus 1320.
viruses, recommendations 6843.
viruses-Vertebrata 5401.
Teeth,
dogs juveniles, canine distemper pathology 7413.
Tellurium,
resistance, plasmids, association-phages inhibition, Citrobacter freundii/Klebsiella pneumoniae 6392.
Temperate environment,
comparison-tropical environment, rotavirus gastroenteritis epidemiology/symptomatology, man 1898.
Temperature,
ambient, effects on transmissible gastroenteritis virus infection, pigs 3320.
effects on AKR leukaemia virus/Rauscher leukaemia virus replication, producer cells 7245.
effects on bovine rhinotracheitis virus aerosols stability 7633.
effects on cytoplasm inclusions morphology, clover yellow mosaic virus infection, Trifolium hybridum 6129.
effects on ECHOvirus 7 procapsids antigenicity/polypeptides 3405.
effects on enterovirus (human) 70/coxsackievirus A24 replication, cell culture 680.
effects on interferon activity 208.
effects on lactic acid bacteria/phages replication 832.
effects on nuclear polyhedrosis virus development, Galleria mellonella 547.
effects on persistent infection cytopathology/establishment, Vero cells, Junin virus 7543.
effects on Rous sarcoma virus transformation, embryo cells, chickens 6577.
effects on Spodoptera littoralis nuclear polyhedrosis virus infectivity 4042.
effects on tobacco mosaic virus degradation 3426.
inactivation-enterovirus/poliovirus/reovirus, wastewater sludge 5283.
inactivation-Spodoptera litura nuclear polyhedrosis virus 6258.
low, induction-Rauscher leukaemia virus temperature sensitive mutant assembly, cell surface, fibroblasts, mice 5546.
sensitivity, plaques formation, relationship-pathogenicity, rabbits, myxoma virus strains 6162.
stability, enterovirus/poliovirus/reovirus, modification, identification-detergents, wastewater sludge 5282.
Temperature (ambient),
effects on transmissible gastroenteritis virus infection, pigs 345.
Temperature effects,
herpes simplex virus strains storage 5480.
Tenebrio molitor,
iridescent virus 29, antigens/proteins, comparison-iridescent virus strains 2809.
iridovirus development/characterization 1268.
Tenosynovitis,
association-hepatitis B, case reports 8259.
Termination factor rho,
Escherichia coli, role-phage T4 gene expression 726.
Testosterone,
effects on Rous sarcoma virus replication, chickens/mice/rats cell lines 5504.
12-O-Tetradecanoylphorbol-13-acetate,
effects on differentiation, Friend leukaemia virus/Rauscher leukaemia virus transformed erythroleukaemia cell lines 4369.

treatment, Rous sarcoma virus temperature-sensitive mutant infected avian cells, src gene products, role-carcinogenesis 5113.
Δ-9-Tetrahydrocannabinol,
effects on resistance, herpes simplex virus 2 infection, mice 6512.
Tetrazolium,
antiviral activity, Ranikhet disease virus/vaccinia virus 7200.
Tettnang virus,
isolation, Ixodes ricinus, Czechoslovakia 5259.
isolation, mosquitoes/rodents/ticks, Czechoslovakia 7428.
Thailand,
coxsackievirus A24/enterovirus 70 role-conjunctivitis outbreaks, man 8224.
dengue virus haemorrhagic fever epidemiology, man 3234.
dengue virus transmission-Aedes aegypti, control 4481.
duck plague outbreaks, poultry 6059.
Thalassaemia,
hepatitis B surface antigen/antibodies incidence 1880.
Thaumatopea pityocampa,
viruses characterization/isolation 8420.
Theobroma cacao,
cocoa swollen shoot virus characterization/isolation/symptomatology 2041.
cocoa swollen shoot virus infection control/epidemiology 2055.
cocoa swollen shoot virus resistance 2029.
cocoa swollen shoot virus resistance, mechanisms 2030.
cocoa swollen shoot virus resistance/tolerance 2031.
germination/growth, cocoa swollen shoot virus infection effects on, environmental effects 2040.
plant protection, cocoa swollen shoot virus 2061.
proceedings 2062.
Togo, cacao swollenshoot virus incidence/symptomatology 3342.
Theophylline,
derivatives, antiviral activity 4334.
levels, viruses respiratory tract infection, man 5879.
pharmacokinetics, viruses respiratory tract infection, man 1833.
sensitivity, SV40 induced DNA biosynthesis, relationship-antigen t 4743.
Thermoresistance,
avian infectious bronchitis virus replication, chick embryos, differentiation-isolates 1352.
Thiazolin,
derivatives, antiviral activity 5079.
Thiophene,
derivatives, antiviral activity 4334.
Thioredoxin,
structure, Escherichia coli, phage T4 induced 2875.
Thiosemicarbazone,
copper binding, inactivation/inhibition-Rous sarcoma virus 1741.
Thiourea,
derivatives, antiviral activity, potato virus X replication, Nicotiana tabacum 5080.
derivatives, effects on phage M12 replication 4725.
effects on phage λ DNA binding-dichlorodiammine platinum II 7562.
Thogoto virus,
isolation, Ixodidae, Ethiopia 515.

IRL©1979

Thrombocytopenia,
association-herpes simplex virus 2 infection, man, case reports 1084.
complications-infectious mononucleosis, case reports 6634.
congenital malformations, man, viruses aetiology, case reports 351.
induction, canine distemper virus + adenovirus (canine) combined vaccines, dogs 3058.
mechanism, role-viruses, man 1267.
small for-gestational age infants, role-coxsackievirus/cytomgalovirus/herpes simplex virus 5904.
Thrombocytopenic purpura,
associated-cytomegalovirus, man, case reports 3170.
rubella virus aetiology, man 2585.
Thymectomy,
effects on feline leukaemia virus resistance, cats 1023.
Thymidine,
analogues, antiviral agents, herpes simplex virus 1 1000.
labelled, combination-frog virus 3, effects on DNA damage, KB cells 7656.
requirements, Rous sarcoma virus infected fibroblasts, chickens 7227.
Thymidine (5′-Sulphamino-5′-Deoxy),
antiviral activity/synthesis 1732.
Thymidine (trifluoro),
+ asialofetuin, effects on ectromelia virus DNA biosynthesis, hepatocytes, mice 7728.
combination-interferon, treatment-herpes simplex virus keratitis, man 7122.
treatment-herpes simplex virus keratitis, rabbits 7441.
Thymidine(5,6-Dihydro-5-aza),
antiviral activity, herpes simplex virus, mice 5768.
Thymidine kinase,
activity, herpes simplex virus 1 infected/transformed cell lines, mice 6991.
characterization/purification, herpesvirus (equine) induced, 3T3 cells 4117.
deficient 3T3 cells, radiation (u.v.) treated herpesvirus (equine) 1 biochemical transformation 6286.
genes, herpes simplex virus 1, transfer-cells, man/mice, use-metaphase chromosomes 7715.
genes, integration sites, chromosomes, herpes simplex virus 2 transformed cells, man 8150.
genes, mutants, genetic analysis, herpes simplex virus 4876.
genes, phage φX174, transformation-cells, mice 5563.
herpes simplex virus, phosphorylation-guanine (9-(2-hydroxyethoxymethyl)) 3459.
herpes simplex virus 1 induced, inhibition/regulation, uridine (trifluoromethyl-2′-deoxy), HEp-2 cells 132.
induction, herpesvirus (equine) 1 infection, mammalian cells 689.
mutants, pathogenicity, mice, herpes simplex virus 6762.
negative cells, man, herpes simplex virus 2 transformed, characterization 4066.
purification/properties, varicella-zoster virus infected HF cells 7726.
requirements, cytomegalovirus/herpes simplex virus 1 replication, in vitro 6331.
Thymidine kinase activity,
herpes simplex virus 2 infected fibroblasts 7718.
Thymine,
requiring phage T4 mutants, isolation 4175.
Thymine arabinoside,
antiviral activity, mechanisms, herpes simplex virus infected cells 8025.
effects on herpes simplex virus 1/herpes simplex virus 2 replication, cell culture 4793.
Thymocytes,
leukaemia resistant mice-hybrids, ecotropic murine leukaemia virus expression 1031.
rosette formation, adenovirus (human) 31/SV40 induction-tumours, hamsters 3664.
Thymus,
Gross leukaemia virus induced alterations, preleukaemia, mice 5830.
interferon levels, Newcastle disease virus infection, mice 7115.
involvement, cytomegalovirus infection, infants, case reports 376.
leukaemia, induction, Gross leukaemia virus, inhibition, growth hormones, mice 5147.
lymphoma, mice, detection-AKR leukaemia virus receptors 6592.
lymphomatous/normal AKR mice, murine leukaemia virus cytoplasmic virus-like particles properties/expression 5134.
role-scrapie pathogenesis, mice 2676.
Thyrotoxicosis,
differential diagnosis-hepatitis, jaundice, man 3726.
Thyroxine,
effects on Rous sarcoma virus replication, chickens/mice/rats cell lines 5504.
Tick-borne encephalitis,
association-brain haemorrhage/pathology, case reports 5926.
control, man, USSR 1928.
diagnosis, enzyme-linked immunosorbent assay, man 4219.
ecology, birds/mammals, USSR, Chukotka 3300.
epidemiology, man, models 8297.
epidemiology, man, USSR 4486, 7352.
epidemiology, USSR 6685.
histology, man, case reports 1111.
mixed infection-Omsk haemorrhagic fever, conference 4593.
mixed infection-Tribec virus + Uukuniemi virus, mice 3316.
prophylaxis/treatment, man, review 8326.
symptomatology, man, case reports 1865.
Tick-borne encephalitis virus,
antibodies incidence, correlation-agriculture/forestry, man, German Dem. Rep. 2626.
antibodies incidence, man, Norway 5258.
antiviral activity, phage f2 replicative form RNA 5653.
concentration/purification, polyethylene glycol/protamine sulphate + ultrafiltration, methodology 6156.
DNA sequence, detection, persistent infection, cell culture 6340.
ecology, Ixodes 7354.
epidemiology, France 8286.
experimental infection, immune response/tick-borne encephalitis virus isolation, hamsters 6098.
experimental infection, prevention, vaccination ± interferon/interferon inducers, mice 8393.
genomes integration-hosts DNA, chronic infection 2095.
immunization (passive), immunoglobulin G/immunoglobulin M, mice 4267.
immunoglobulin M, detection, ion-exchange batch technique 1571.
immunoglobulin M antibodies, detection, immunofluorescence 7861.
immunoglobulins detection, radioimmunoassay 853.

induction-chromosome aberrations, kidney cells, pigs 5516.

infection, effects on chromosome aberrations/DNA biosynthesis, cells, animals 4750.
isolation, Ixodes ricinus, Czechoslovakia 6684.
isolation, Ixodes ricinus, Germany, Fed.Rep. 5257.
isolation, Ixodes ricinus, Norway 1144.

Tick-borne encephalitis virus,(continued)
mixed infection lymphocytic choriomeningitis virus, interference/interferon induction, interference/L cells-embryo cells 2098.
persistence, bats, hibernation 1224.
replication/transmission, Haemaphysalis inermis/Ixodes ricinus, relationship pathogenicity, mice 8416.
RNA translation in vitro, comparison-encephalomyocarditis virus 2891.
storage, temperature effects 6949.
transmission, Ixodes persulcatus, control, use DDT 7376.
transmission, Ixodes ricinus, hamsters 5339.
vaccination, mice, immunosuppression effects on 5018.
Ticks,
transmission-louping ill virus, Lagopus lagopus scoticus 1984.
Tilligerry virus,
RNA, physicochemical properties 44.
Tilorone,
induction interferon, effects on Trypanosoma equiperdum infection, mice 4974.
induction interferon in vivo, man 2353.
Tilorone dihydrochloride,
synthesis/interferon induction/antiviral activity 1001.
Tilorone hydrochloride,
antiviral activity, role-interferon induction, mengovirus infection, mice 7119.
Tindholmur virus,
isolation, Ixodes uriae, Faeroe Is. 8418.
Tipula,
biological control, use-Tipula iridescent virus 4573.
Tipula iridescent virus,
aggregates-latex particles, structure 673.
polydispersity/size, electron microscopy/resistive-pulse analysis/spectroscopy 1425.
structure/ultrastructure 2828.
use-biological control-Tipula 4573.
Tipula paludosa,
baculovirus, DNA characterization 7602.
Tissue culture,
infectivity, diagnosis-respiratory syncytial virus infection, children, comparison-immunofluoescence (indirect) 3526.
mice, interferon derived agents, antigenic relationship-interferon derived agents leucocytes, man 4968.
Nicotiana, tobacco mosaic virus replication, kinetin/α-naphthaleneacetic acid effects on 1284.
dTMP,
enriched DNA, expression/production, phage SP15, Bacillus subtilis 713.
origin, phage SP10c DNA biosynthesis 3450.
dTMP kinase,
activity, herpes simplex virus 1 infected/transformed cell lines, mice 6991.
TMP synthetase,
inhibition, α-deoxy-5-fluorouridylic acid analogues, phage T2 5769.
Tobacco etch virus,
relationship-Melilotus mosaic virus 4046.
RNA, occurrence-poly (A) 4009.
systemic infection, Chenopodium quinoa 1296.
Tobacco mosaic virus,
antiviral activity, benomyl/triforine, Nicotiana 5756.
antiviral activity, guanidinopyrimidines 5763.
antiviral activity, histones derived from animals/plant extracts 5070.
antiviral activity, yeasts extracts 6553.
assays, immunoelectrophoresis, methodology 4929.
assembly 1524.
assembly, kinetics 7789.
assembly, molecular models 7790.
boron labelling, properties/applications 676.
characterization/isolation, Persea americana 1409.
coat protein, amino acid composition, relationship-infectivity, Lycopersicon esculentum 7625.
coat protein, conformations 6248.
coat protein, RNA encapsulation, characterization 1522.
coat protein cistrons, location/encapsidation 5547.
degradation, ionic environment/pH/temperature effects on 3426.
disassembly intermediates, assembly/infectivity/translation 803.
electrical birefringence studies 2842.
enzyme-linked immunosorbent assay, micromethods 7876.
enzyme-linked immunosorbent assay, repeated use-antibodies-enzymes conjugates 7877.
H, protein, characterization 1408.
host range/identification 5365.
induced lesions, pathology ultrastructure, Phaseolus vulgaris 5380.
infected Nicotiana glutinosa, resistant cells, ultrastructure 3351.
infected Nicotiana tabacum, superinfection resistance, mechanisms 3915.
infection, acquisition-susceptibility, Nicotiana glutinosa, mechanisms 6803.
infection, effects on cells permeability, Nicotiana tabacum 3348.
infection, effects on formaldehyde levels, Nicotiana tabacum 4580.
infection, effects on mycorrhizas/disease resistance, Nicotiana tabacum 554.
infection, effects on potassium pyroantimonate precipitates distribution, Nicotiana glutinosa 7480.
infection, hypersensitivity, Nicotiana tabacum, o-diphenol O-methyltransferase characterization 3347.
infection, hypersensitivity, Nicotiana tabacum leaves, indoleacetic acid levels 3925.
infection, indoleacetic acid effects on, Nicotiana tabacum 6805.
infection, lesions/resistance, Nicotiana, absence-hypersensitivity N gene 8447.
infection, lesions ultrastructure/viruses occurrence, Nicotiana tabacum 5379.
infection, mycorrhizas effects on, Nicotiana 6825.
infection, Nicotiana, antiviral agents stimulation/mechanisms 287.
infection, Nicotiana glutinosa/Nicotiana tabacum, physiology changes, impedance studies 2043.
infection, Nicotiana tabacum, effects on ATPase (Mg dependent) 6289.
infection, role-tomato streak, Lycopersicon esculentum 555.
infection, Vigna unguiculata protoplasts, in vitro 6140.
infectivity, Nicotiana glutinosa, enhancement, Houttuynia cordata leaves extracts 3926.
isolates, serotyping 4950.
light scattering studies 2156.
nonstructural protein identification, in vitro/in vivo 1410.
particles, interaction, models 6956.
preparation/purification, absorption immunoelectrophoresis 4608.
protein biosynthesis/RNA biosynthesis, Acetabularia 4840.
proteins, electrophoresis, comparison-cucumber green mottle mosaic virus 4708.
proteins, electrostatic effects 657.

IRL©1979

Tobacco mosaic virus,(continued)
proteins, interaction-poly (A,εA)/poly (C,εC) 658.
proteins, interaction-polynucleotides, fluorescence 6374.
proteins, interaction-RNA, fluorescence, spin labelling 3414.
proteins, interaction-yeasts RNA oligonucleotides 7024.
proteins, n.m.r. 4709.
proteins polymerization, n.m.r. 66.
proteins subunits, structure 2811.
repliation, Nicotiana tabacum protoplasts, inhibition, serum, rabbits 3914.
replication, Nicotiana tissue culture, kinetin/α-naphthaleneacetic acid effects on 1284.
replication/translocation, Nicotiana glutinosa, relationship-inoculation sites 2751.
resistance, Nicotiana 553.
resistance, Nicotiana tabacum, polyacrylic acid effects on 2033.
resistant Lycopersicon, plant breeding 6802.
ribonucleoproteins, complex-poly (C,εC), energy transfer 7607.
RNA, cytokinins activity 4010.
RNA, encapsidation intermediates, infectivity 6373.
RNA, high molecular weight polypeptides termination codons, identification 1517.
RNA, incorporation during assembly 4159.
RNA, infection, Nicotiana tabacum protoplasts, methodology 1443.
tRNA, methylation, Escherichia coli tRNA methyltransferase 1516.
RNA, 3′-terminus, nucleotide sequence 4689.
RNA, translation, Acetabularia cytoplasm 2910.
mRNA, translation, caps analogues effects on, in vitro 3401.
RNA, translation, in vitro, requirement-caps 4841.
RNA, translation fidelity, spermidine effects on 6365.
RNA biosynthesis, Nicotiana, methyl benzimidazol-2-yl-carbamate effects on 2059.
RNA biosynthesis, ribavirin effects on 4149.
RNA biosynthesis, role-Nicotiana tabacum RNA polymerase (RNA-dependent) 3479.
RNA biosynthesis temperature-sensitive mutant, characterization 1515.
RNA polymerase (RNA-dependent) RNA biosynthesis, inhibition, cordycepin triphosphate 4147.
mRNA 5′-terminus, binding-wheat germ ribosomes 7779.
RNA translation, initiation sites 6364.
self-assembly, proteins polymerization, kinetics 4160.
self-assembly, proteins polymerization, mechanisms 4161.
structure, review 2843.
temperature-sensitive mutant, single-stranded RNA biosynthesis deficient 4150.
uncoating, dimethyl sulphoxide 6283.
Tobacco necrosis virus,
biological properties/structure/transmission, review 2844.
detection, electron microscopy, Humulus lupulus 8435.
double-stranded RNA, characterization/isolation 7780.
induction-lesions, plasmolysis affected Vigna sinensis leaves 556.
infection, Vigna unguiculata protoplasts, in vitro 6140.
RNA polymerase (RNA-dependent), relationship-Vigna unguiculata RNA polymerase (RNA-dependent) 3480.
transmission, fungi 8458.
Tobacco necrotic dwarf virus,
infection/replication, Nicotiana tabacum mesophyll protoplasts 3431.
purification, Physalis floridana tissues, methodology 7515.
Tobacco rattle virus,
detection, Nicotiana tabacum, enzyme-linked immunosorbent assay 871.
detection, weeds, Solanum crops 2026.
host range/identification 5366.
identification/symptomatology/transmission, Lactuca sativa, USA, California 1285.
incidence, Hungary 8454.
infection, Paeonia foemina 8440.
physicochemical properties, isolated-Narcissus poeticus/Paeonia, New Zealand 5492.
replication/structure, review 2846.
transmission, fungi 8458.
uncoating/interaction-cell walls, plants 7652.
Tobacco ringspot virus,
characterization/isolation-Vaccinium corymbosum 5368.
coat protein, subunits, characterization 4710.
cytopathogenesis-hosts/structure, review 2845.
detection/identification, immunoelectron microscopy 4933.
infection, effects on cytokinins activity, Nicotiana glutinosa 6804.
infection, Glycine max, enzyme-linked immunosorbent assay 4934.
infectivity, kinetin effects on, Nicotiana glutinosa 6804.
RNA, poly (A) content 6925.
RNA associated proteins 6943.
strains, relationship-eucharis mottle virus/potato black ringspot virus 6151.
Tobacco stunt virus,
transmission, fungi 8458.
Tobacco tumour virus,
mixed infection-Agrobacterium tumefaciens, Nicotiana clevelandii x Nicotiana glutinosa hybrids, effects on plastids development 2045.
Tobamovirus,
isolates, serotyping/symptoms, Chenopodium quinoa/Nicotiana sylvestris/Phaseolus vulgaris 4950.
Togavirus,
antigenic characteristics/replication/structue, review 2148.
infection, monkeys, interferon/interferon inducers effects on 1644.
virus-like particles, isolation, kidney epithelium cells, systemic lupus erythematosus patients 5202.
Togo,
cacao swollenshoot virus incidence/symptomatology, Theobroma cacao 3342.
Tomato aspermy virus,
morphogenesis/structure, review 2835.
Tomato black ring virus,
characterization/isolation, Solanum tuberosum, Kenya 5387.
RNA, poly (A) content 6925.
RNA 3, messenger properties 4843.
strains, RNA 3 encapsidation/occurrence 4692.

Tomato bushy stunt virus,
cytopathogenesis-hosts/structure, review 2847.
infected Gomphrena globosa, resistant tissues, ultrastructure/histochemistry 3352.
infection, Gomphrena globosa, hypersensitivity quantitation, methodology 4333.
structure 677.
structure, X-ray crystallography 2132.
Tomato leaf curl virus,
infection, effects on proteins/relationship-resistance, Lycopersicon 5381.
transmission, Bemisia tabaci, Lycopersicon 2057.
Tomato mosaic virus,
host range/identification 5365.
identification/isolation, Solanum tuberosum, Hungary 7506.

Tomato mosaic virus,(continued)
isolates, serotyping 4950.
Tomato ringspot virus,
detection, Ribes rubrum, New Zealand 6132.
infection, Primula obconica 8440.
RNA, poly (A) content 6925.
Tomato spotted wilt virus,
infection, Cynara scolymus, Argentina 5388.
infection, Nicotiana glutinosa, physiology changes, impedance studies 2043.
Tomato streak,
Lycopersicon esculentum, role-tobacco mosaic virus/potato virus X infection 555.
Tomato white necrosis virus,
infection, Lycopersicon esculentum, inhibition, ribavirin 2457.
Tomato yellow band virus,
transmission, infected soil/Trichodorus christiei 5393.
Tomato yellow leaf curl virus,
transmission, Bemisia tabaci, prevention, soil mulching 2060.
Tonga,
dengue virus 2 infection outbreaks, clinical manifestations/epidemiology, man 429.
Tonsillitis,
Epstein Barr virus antigens detection, lymphocytes, man 262.
Toxicity,
interferon leucocytes, man, rabbits neonates 2992.
Toxins,
biosynthesis, Clostridium botulinum, mediation, phages infection 7040.
Corynebacterium diphtheriae, incorporation-Sendai virus virions, toxicity-L cells 6954.
plants, toxicity, L-1210 cells, interferon resistance effects on 7911.
Vibrio cholerae, radioactive labelling, Newcastle disease virus membranes 6952.
Toxoplasma,
antibodies levels, correlation-measles virus/mumps virus/poliovirus/rubella virus antibodies, man 5724.
Toxoplasma gondii,
mixed infection-cytomegalovirus, association-immunosuppression, man 5899.
penetration, Friend erythroleukaemia cells 4370.

Trachea,
histology, chickens, avian infectious bronchitis virus vaccination 3057.
organ culture, cattle, adenovirus (bovine) 3 replication 1348.
organ culture, chick embryos, avian infectious bronchitis virus assays 1328.
organ culture, derived from avian infectious bronchitis virus infected chickens, resistance-avian infectious bronchitis virus infected 5446.
organ culture, ducks, influenza A virus infection cytopathogenesis/ultrastructure 1349.
organ culture, pigs, juveniles, respiratory syncytial virus infection/pathology 3387.
organ culture, rats, parainfluenza virus 1 replication 6185.
organ culture, sheep, adenovirus (ovine) 2 infection 4629.
Transcription,
adenovirus (human) 5 DNA, transformed cell lines 1478.
Aspergillus foetidus virus AfV-S RNA 93.
cytosol effects on, SV40 infected cells, monkeys 6979.
defective temperature-sensitive mutants, herpes simplex virus 1, characterization 3460.
defective vesicular stomatitis virus temperature-sensitive mutant, genetic analysis 1540.
inhibition, interferon, viruses 1630.
mapping, rabies virus RNA 777.
patterns, SV40 late RNA 2184.
phage SPP1, in vitro, DNA restriction endonuclease cleavage mapping 6309.
phage T4 725.
SV40, regulation, infected African green monkey kidney cells 4100.
SV40 chromatin, histones acetylation effects on 121.
termination sites, localization-leftward operons, phage λ 700.
unit, termination sites, adenovirus (human) 2 6326.
vaccinia virus DNA, infected cells 753.
Transduction,
Bacillus subtilis, phage PBS1/phage SP10, uracil(6-(p-hydroxyphenylazo)) effects on 4900.
Bacillus subtilis, phage SPP1 1562.
Escherichia coli, phage P1/phage P22, plasmids effects on 2935.
Escherichia coli, phage T4 mutants 7850.
Escherichia coli chromosomes replication origin, phage λ 2933.
Escherichia coli DNA polymerase I, phage λ 7840.
Escherichia coli grpE gene, phage λ 4205.
Escherichia coli transcription/translation genes, phage λ 5582.
Escherichia coli uvr gene, phage λ 5583.
isoleucine-valine operon/threonine operon operons genes, Bacillus subtilis, phage SBβ 2937.
nalA gene, Escherichia coli, phage λ 4204.
phage, review 5494.
phage F1083/phage F116L, use-Pseudomonas aeruginosa gene mapping 3505.
phage Mu, mutants, characterization 7801.
phage SPP1, Bacillus subtilis 5593.
Rhizobium leguminosarum, phage RL38/phage RL39 7054.
Salmonella typhimurium genes, phage P22 7053.
Salmonella typhimurium mutants, phage P22 2247.
streptomycin resistance, Pseudomonas aeruginosa, phage F116, frequency, freshwater reservoirs 4200.
Transfection,
ability in vitro, herpesvirus (equine) 1 DNA 6166.
Bacillus subtilis, phage φe, DNA fate 2246.
DNA, use-viruses detection, tumours, man 7255.
embryo fibroblasts, chickens, Rous sarcoma virus DNA, mechanisms 768.
Escherichia coli, phage l DNA, polyethylene glycol effects on 7047.
fibroblasts, chickens, transmission-avian sarcoma virus B77 temperature-sensitive mutant markers 313.
liver cells, enhancement, protamines/histones, poliovirus RNA 2092.
lymphoblastoid cell lines, man, herpes simplex virus 1 DNA 4792.
Mycobacterium 840.
Pseudomonas aeruginosa, phage F116 7044.
Transfer factor,
treatment-cytomegalovirus congenital infection 1171.
treatment-hepatitis (chronic active), man 7391.
treatment-hepatitis B, man 6721.
treatment-influenza virus infection, mice 6105.
Transformation,
ability, Epstein-Barr virus derived from Burkitt's lymphoma 1814.
ability in vitro, herpesvirus (equine) 1 DNA 6166.
absence, Epstein-Barr virus nuclear antigen induction, lymphocytes, man 2959.

IRL©1979

Transformation,(continued)
assays, in vitro, papilloma virus (bovine) 7519.
avian tendon cell culture, Rous sarcoma virus 4358.
BALB/3T3 cells, adenovirus (bovine) 3 DNA/fragments 306.
BHK-21 cells, hamster sarcoma virus, effects on membrane proteins 7233.
bone marrow, mice, in vitro, Kirsten sarcoma virus/Rauscher leukaemia virus, target cells identification 4375.
bone marrow cells, mice, Friend leukaemia virus, spleen focus-forming virus effects on, in vitro 5137.
cell culture, book 3367.
cell lines, hamsters, herpes simplex virus 1 DNA 5098.
cell lines, rats, Rous sarcoma virus, single-stranded DNA DNA-binding protein biosynthesis 8088.
cell lines, rats, SV40-adeno-hybrid virus, genomes expression 4346.
cells, gorillas, Kirsten sarcoma virus/murine sarcoma virus pseudotypes-baboon placenta virus 3136.
cells, Kirsten sarcoma virus, effects on cell adhesion 8126.
cells, man, in vitro, SV40, carcinogens pretreatment effects on 2464.
cells, mice, herpes simplex virus, N-methyl-N-nitrosourea effects on 8060.
cells, mice, phage φX174 thymidine kinase genes 5563.
cells, mice/rats, induction-chromosomes derived from adenovirus (human) 5/SV40 cells 5773.
cells, viruses, effects on membranes transport, review 5777.
DBA/2 cells, Friend leukaemia virus, in vitro 5141.
defective, oncornavirus (avian) Mill Hill 2 312.
effects on platelets growth factors requirement, cells, oncornavirus/SV40 3661.
embryo cells, chickens, Rous sarcoma virus, inhibition, adenosine (3-deaza) 2474.
embryo cells, hamsters, adenovirus (simian) 7, metals salts effects on 4350.
embryo cells, hamsters, adenovirus (simian) 7, acrylonitrile effects on 8058.
embryo cells, hamsters, herpes simplex virus 2 DNA 5099.
embryo fibroblasts, chickens, avian sarcoma virus, effects on plasminogen activator biosynthesis induction, vitamin A/ derivatives 3675.
embryo fibroblasts, chickens, avian sarcoma virus, induction-plasminogen activator synthesis 8082.
embryo fibroblasts, chickens, Rous sarcoma virus temperature-sensitive mutant 5116.
embryo fibroblasts, chickens, Rous sarcoma virus, lipids biosynthesis inhibitors effects on 5117.
embryo fibroblasts, chickens, Rous sarcoma virus, inhibition, sinefungin 6574.
embryo fibroblasts, chickens, Rous sarcoma virus, 5-phosphoribosyl-1-pyrophosphate levels 7225.
embryo fibroblasts, hamsters, herpes simplex virus 1 DNA 1759.
embryo fibroblasts, hamsters, radiation (u.v.) treated cytomegalovirus 6571.
embryos, mice, SV40, effects on growth 5792.
enucleated cells, chickens, Rous sarcoma virus 1770.
Epstein-Barr virus, adenosine/uridine analogues effects on 5795.
establishment, polyoma virus infection, fibroblasts, rats, role-environmental effects 2462.
feline sarcoma virus, gene regulation models-tumours induction 5813.
fibroblasts, avian myeloblastosis virus/avian myelocytomatosis virus/Mill Hill 2 virus, in vitro 3122.
fibroblasts, mice, induction, Moloney sarcoma virus DNA fragments 3700.
Friend leukaemia virus, target cells, mice, erythropoietin responsiveness 1787.
genes, characterization, avian leucosis virus MC29 825.
induction-lymphoblastoid cell lines, characteristics/ establishment, Epstein Barr virus 1761.
inhibition, galactoprotein/gangliosides antibodies, murine sarcoma virus infected 3T3 cells, mice 5150.
kidney embryo cells, man, characterization, BK virus 3655.
Kirsten sarcoma virus, in vitro, evaluation-antiviral activity, drugs 8022.
lymphoblastoid cell lines, Epstein-Barr virus, antibodies production/establishment 8065.
lymphocytes, adenovirus/herpesvirus/influenza virus, Down's syndrome, children 3066.
lymphocytes B, man, enhancement, gibbon ape leukaemia virus/simian sarcoma virus 5158.
lymphocytes B, man, Epstein-Barr virus, blastogenesis/DNA biosynthesis/nuclear antigen biosynthesis 6572.
lymphocytes B lymphoma cell lines, Epstein Barr virus, relationship-complement activation alternative pathway, man 3117.
maintenance, role-adenovirus (human) 12 gene 401, 3Y1 cells 3494.
mechanisms, review 8046.
Muntiacus muntjac cells, avian sarcoma virus/murine sarcoma virus 1768.
murine sarcoma virus, in vitro, interferon effects on 1620.
mutants, Rous sarcoma virus, genomes RNA size 6914.
mutants, Rous sarcoma virus, recovery of function, passage chickens 5111.
Mycobacterium 840.
normal/DNA repair defective human leucocytes, Epstein-Barr virus 1010.
oncornavirus, review 310.
pancreas cell lines, rats, SV40, establishment 5088.
papilloma virus (rabbit) infected rabbits skin, xenografts-athymic nude mouse 5086.
proteins, association-protein kinase activity, adenovirus (human) 5 5531.
proteins, identification, adenovirus (human) 12 4698.
Psdeudomonas aeruginosa, phages DNA 4892.
regions, relationship DNA homology, adenovirus 3991.
reversion-protein biosynthesis inhibition, Rous sarcoma virus temperature-sensitive mutant infected kidney cells, rats 3854.
role-Rous sarcoma virus induction-plasminogen activator, embryo fibroblasts, chickens 2524.
Rous sarcoma virus, effects on acetylcholine receptors metabolism, embryo fibroblasts, chickens 3681.
Rous sarcoma virus, effects on lysophosphoglyceride biosynthesis, embryo fibroblasts, chickens 1018.
Rous sarcoma virus, inhibition, disulfiram 314.
Rous sarcoma virus, isonicotinic acid hydrazide-copper complex effects on 6551.
Rous sarcoma virus, stimulation-hosts cells protein biosynthesis, mechanisms 2865.
Rous sarcoma virus mutants, induction-chick embryo neuroretinal cells proliferation 316.
susceptibility, embryo cells, rats, SV40 3116.
susceptibility, 3T3 cells cell variants lacking epidermal growth factor receptors, Kirsten sarcoma virus 331.
SV40, effects on aminopeptidase activity, surface, cells, mice/ rats 3659.
SV40, mechanisms, review 8046.
target cells specificity, in vitro, avian myeloblastosis virus/ avian myelocytomatosis virus 3673.
viruses, role-calcium 5493.
WI-26 cells/WI-38 cells, SV40, effects on alkaline

Transformation,(continued)
phosphatase 1755.
Transfusion,
blood products, surgery patients, risks hepatitis transmission 2637.
Transfusions (multiple),
cytomegalovirus infection risks, man, case reports 1087.
Translation,
inhibition, interferon, viruses 1630.
tobacco mosaic virus disassembly intermediates 803.
Transmissible enteritis of turkey virus,
infection, turkey embryos/turkeys, intestinal tract ultrastructure, immunofluorescence/electron microscopy 1260.
Transmissible gastroenteritis,
control/diagnosis, pigs, review 8345.
diagnosis, immunofluorescence/virus isolation 1194.
diagnosis, immunoperoxidase test, pigs 7075.
diagnosis, neutralization tests 6412.
diagnosis/epidemiology, immunofluorescence, pigs 4223.
gastrointestinal tract lesions, histopathology, pigs, juveniles 6775.
immunoprophylaxis, pigs, use-transmissible gastroenteritis virus variants 2417.
pigs, symptoms, role chlorine/sodium ions transport defects, ileum 8359.
Transmissible gastroenteritis virus,
antibodies, detection, fluorescent antibody test, pigs 4920.
antibodies, detection, haemagglutination (passive), pigs 5613.
antibodies detection, cats 969.
antigenicity, pigs 5019.
antigens, detection, immunofluorescence, use-feline infectious peritonitis virus antibodies, pigs 4921.
immunization (passive), pigs, use-cattle colostrum 5661.
immunization (passive)/vaccination, pigs, review 5707.
immunoglobulins, isolation-colostrum, fluorescent antibody test 2951.
inactivation/stability, disinfectants 2151.
infected target cells, lymphocytes cytotoxicity, pigs 6531.
infection, gastrointestinal tract, pathology, dogs, neonates 7452.
infection, incidence, pigs, Germany, Fed. Rep. 3871.
infection, lymphocytes proliferation, pigs 5737.
infection, pathology, pigs 2695.
infection, pigs, ambient temperature effects on 3320.
infection, pigs, effects on zinc deficiency symptoms 2730.
infection, pigs, temperature (ambient) effects on 345.
neutralization, normal serum 2967.
seroepidemiology, pigs, France 6074.
strains, experimental infection, distribution/persistence, pigs neonates 5341.
transmission, asymptomatic pigs 3306.
transmission, pigs, mechanisms 3872.
vaccination, efficacy/safety/maternal antibodies effects on, pigs, juveniles 7961.
vaccination, pigs 249, 250.
vaccines, development/efficacy, pigs 2418.
vaccines, efficacy, pigs 941.
variants, use-transmissible gastroenteritis immunoprophylaxis, pigs 2417.
Transmissible mink encephalopathy,
susceptibility, hamsters, animal models 6729.

Transmission (horizontal),
guinea-pigs, cytomegalovirus 532.
Transmission (mechanical),
African cassava mosaic, Manihot esculenta 2054.
Transmission (sexual),
cytomegalovirus, mice 2000.
hepatitis B surface antigen, homosexuals male 1915.
hepatitis B virus, man 1922.
hepatitis B virus, review 1924.
Transmission (transovarial),
Dugbe virus, Amblyomma variegatum 2736.
Transmission (transplacental),
guinea-pigs, cytomegalovirus 532.
hepatitis B surface antigen negative hepatitis, man, case reports 1908.
porcine parvovirus, pigs 6081.
Transmission (vertical),
bovine leukaemia virus, cattle 5124.
gibbon leukaemia virus, gibbons 2503.
hepatitis B surface antigen, man 3253.
hepatitis B virus, prophylaxis, immunization (passive), man 1652.
herpes simplex virus 2, hamsters, immunosuppression effects on 4546.
murine leukaemia virus, Mus musculus 5135.
Transplantation,
ability, Friend leukaemia virus induced tumour cells, mice 8109.
cornea, transmission-rabies virus, man 6689.
patients, cytomegalovirus infection, diagnosis/risks 3740.
Transposons,
chloramphenicol antibiotic resistance, phage Mu insertion 809, 2221.
chloramphenicol antibiotic resistance, recombinants-phage Mu, DNA, electron microscopy 810.
transposon Tn10, induced transposons deletion/inversions, structure 5550.
transposon Tn10, insertion-phage λ, sequence analysis 5551.
transposon Tn10, tetracycline antibiotic resistance, properties, Escherichia coli/phage λ 4203.
Travel,
effects on hepatitis A incidence, man, British Isles 1911.
transmission, travel, man 6667.
Trees,
viruses infection, book 5398.
Treponema,
phage-like particles detection, electron microscopy 5474.
Treponema hyodysenteriae,
phages isolation/characterization 833.
Trialeurodes vaporariorum,
viruses transmission/association, review 559.
Triatoma infestans,
virus-like particles characterization/detection, Malpighian tubule 5351.
Triazine (dioxohexahydro),
antiviral activity, cucumber mosaic virus/potato virus X, in vitro/in vivo 8038.
Triazines,
effects on phages plaques formation 4194.
as-Triazines,
derivatives, antiviral activity, vesicular stomatitis virus 295.
Tribec virus,
mixed infection-tick-borne encephalitis + Uukuniemi virus, mice 3316.
Tribromamine,
inactivation-poliovirus, water 2657.
Trichodorus christiei,
infected, transmission-tomato yellow band virus 5393.
transmission-tomato yellow band virus 5393.

IRL©1979

Trichomonas vaginalis,
mengovirus infection 8404.
Trichoplusia ni,
baculovirus, isolation/physicochemical properties 7641.
cell lines, Autographa californica nuclear polyhedrosis virus growth 595.
control, nuclear polyhedrosis virus ± granulosis virus ± Bacillus thuringiensis ± chlordimeform 2740.
larvae, nuclear polyhedrosis virus infection, viruses heterogeneity 8425.
nuclear polyhedrosis virus, strains, DNA, restriction endonuclease mapping 6243.
nuclear polyhedrosis virus isolates, proteins/virions 6942.
nuclear polyhedrosis virus radioimmunoassay 193.
Tridecanucleotides,
synthesis, complementary-phage fd 597.
Trifolium,
clover yellow mosaic virus infection, cell membranes/chloroplasts membranes alterations, associated-AMP (cyclic) induced starch 7474.
Trifolium hybridum,
clover yellow mosaic virus infection, cytoplasm inclusions morphology, temperature effects on 6129.
Trifolium pratense,
British Isles, red clover necrotic mosaic virus/white clover mosaic virus infection 8453.
peroxidases/polyphenoloxidase activity, relationship-susceptibility/symptoms, bean yellow mosaic virus infection 8441.
strains, bean yellow mosaic virus infection, effects on peroxidase activity/isoenzymes/relationship-symptoms 4579.
Trigeminal ganglion,
hamsters, rabies virus antigens localization 6776.
herpes simplex virus incidence/isolation/pathology, man, comparison-Americans/Japanese 3169.
herpes simplex virus 1 isolation, asymptomatic man 5896.
herpes simplex virus 2 infection reactivation, cyclophosphamide, mice 5330.
mice, herpes simplex virus mRNA/DNA detection, acute infection/chronic infection 745.
rabbits, latent viruses detection, herpes simplex virus 1 keratitis 5329.
Trigerminal nerve,
decompression, herpes simplex virus reactivation, man 1845.
5′-Triphosphate,
polynucleotide kinase, inhibition, β,γ-imidoadenylyl 717.
Trisodium phosphonoformate,
antiviral activity, herpesvirus 2459.
inhibition-Dane particles associated DNA polymerase 4836.
treatment-herpes simplex virus 1 infection, skin, guinea-pigs 527.
Triticum aestivum,
callus cells, wheat striate mosaic virus infected, ultrastructure, in vitro 7556.
Canada, barley yellow dwarf virus infection outbreaks 2752.
environmental conditions/genotypes, effects on wheat soilborne mosaic virus susceptibility 3917.
wheat streak mosaic virus resistance evaluation 6126.
Triton X-100,
treated envelopes, Sendai virus reassembly 798.

Trivitattus virus,
antigenic relationship-California encephalitis virus/Jamestown Canyon virus/La Crosse virus/Lumbo virus/snowshoe hare virus/Tahyna virus 4942.
Trivittatus virus,
membranes glycoproteins, comparison-snowshoe hare virus 5469.
Tromantadine hydrochloride,
treatment-herpes simplex virus infection, allergy, case reports 4510.
Tropical environment,
comparison-temperate environment, rotavirus gastroenteritis epidemiology/symptomatology, man 1898.
Trypanosoma,
infection, cattle/mice, immunosuppression-antibody response, louping ill virus vaccination 7156.
Trypanosoma brucei,
infection, effects on louping ill virus pathogenicity, mice 6096.
Trypanosoma equiperdum,
infection, mice, interferon induction acranil dihydrochloride/tilorone/U 25.166 effects on 4974.
Trypsin,
activation Sendai virus infectivity, KB cells 2103.
effects on foot-and-mouth disease virus variants antigenicity/infectivity 1388.
effects on haemagglutination, viruses 4248.
effects on susceptibility-Corynebacterium diphtheriae toxins, normal/chick embryos/Rous sarcoma virus polyoma virus cells 8071.
induced Sendai virus production, adenylate cyclase activation/effects on AMP (cyclic) levels during, KB cells 5440.
treatment, effects on foot-and-mouth disease virus antigenic characteristics, plaques variants 2961.
Tryptamine (2-Methyl),
effects on 5-hydroxytryptamaine levels, influenza, mice 3321.
Tryptic peptide analysis,
mammary tumour virus structural protein, comparison-strains 60.
Tryptophan (5-Hydroxy),
effects on 5-hydroxytryptamaine levels, influenza, mice 3321.
Tryptophan operon,
mRNA, degradation, phage λ infection, Escherichia coli 1552.
TTP arabinoside,
effects on oncornavirus DNA polymerase (RNA-dependent) 762.
Tuberculin,
reactivity, suppression during rubella, man 5729.
Tubules,
orbivirus replication tubules, cell culture, physicochemical properties 5502.
production, herpes simplex virus 2 infection, Vero cells, antimetabolites/radiation (u.v.) effects on 7719.
structure, herpes simplex virus 2 infected cells 748.
Tubulin,
levels, radioimmunoassay, Rous sarcoma virus/SV40 transformed cells 1754.
Tuleniy virus,
growth, kidney cell lines, pigs 4620.
Tulip breaking virus,
epidemiology/control, Tulipa, Australia 1307.
Tulipa,
Australia, tulip breaking virus epidemiology/control 1307.
Tumorigenesis,
Friend leukaemia virus infected spleen cells, mechanisms, mice 3132.
genes, avian myelocytomatosis virus, nucleotide sequence detection-fibroblasts, chickens 7749.
mechanism, role-viruses, review 297.
oncornavirus (avian), chickens 1013.

Tumorigenesis,(continued)
polyoma virus, review 3985.
Tumorigenicity,
adenovirus, review 308.
avian leucosis virus, review 5106.
avian leucosis virus/Rous sarcoma virus strains isolated-USSR 1766.
endogenous C-type virus (murine), origins-recombination, role-env gene/gag gene 2228.
in vivo, endogenous murine leukaemia virus, AKR mice 2495.
Marek's disease virus, relationship-immune response/pathogenesis, chickens 8068.
papilloma virus (bovine) strains, cattle, juveniles 7207.
papovavirus, man, review 8141.
polyoma virus, rats, influenza A virus vaccination effects on 1003.
Rous sarcoma virus transformed fibroblasts, chickens, correlation-plasminogen activator levels, absence 1772.
tumour cell lines, athymic nude mice, vesicular stomatitis virus persistent infection effects on 5432.
SV40 transformed cells, hamsters 6561.
SV40 transformed x normal cells hybrids, mice 8047.
Tumour cell lines,
BALB/c cells, mammary tumour virus expression, dexamethasone effects on 8130.
BALB/c mice, mammary tumour virus RNA detection 1800.
chickens, Marek's disease virus induced, complement dependent antibodies cytotoxicity 7987.
chickens, Marek's disease virus integrated DNA 7725.
man, vesicular stomatitis virus infection, endogenous virus-like particles, vesicular stomatitis virus pseudotypes formation 1345.
tumourigenicity, athymic nude mice, vesicular stomatitis virus persistent infection effects on 5432.
Tumour cells,
athymic nude mouse, viruses persistent infection, immune response 8006.
central nervous system, rats, herpes simplex virus 1 persistent infection pathology 2763.
hamsters, BK virus induction-antigen (tumour-specific) 874.
hamsters/horses, papilloma virus (bovine) DNA sequence detection 7206.
Lycopersicon esculentum, citrus exocortis viroid + Agrobacterium tumefaciens infection, citrus exocortis viroid RNA detection 1281.
lymphoma, Moloney leukaemia virus induced, immune response/rejection, mice 8116.
mammary gland, mice, A type particles DNA occurrence 8069.
mammary gland tumours, mice, mammary tumour virus expression, heterogeneity 1799.
man, BK virus antigen T/antibodies/DNA sequence, detection, failure 2508.
man, inclusions, adenovirus (human) 5 infection 2158.
Marek's disease, immunity (cell-mediated), chickens, induction, Marek's disease virus vaccines 5696.
methotrexate sensitivity, hamsters, SV40 infection effects on 5089.
mice, adenovirus (human) 12 induction-endogenous A-type particles/C-type virus, electron microscopy 2485.
mice, AKR leukaemia virus/Friend leukaemia virus antigen (tumour-associated) characterization/detection, surface 2293.
mice, cell surface glycoproteins, relationship-C-type virus (murine) envelopes glycoproteins 1027.
mice, mammary tumour virus strains, binding-plants lectins conjugate-ferritin 4381.
radiation/radiation leukaemia virus induced, murine leukaemia virus receptors, specificity, cell surface 3131.
rats, in vitro/in vivo, pH effects on 1043.
rats, surface antigen characterization, Rous sarcoma virus 1773.
surface, mice, mammary tumour virus polypeptides localization 5836.
SV40 induced, antigenicity, hamsters 3656.
teratocarcinoma, mice, polyoma virus/SV40 infection susceptibility 1331.

Tumours,
adenovirus (human) 12 induced, growth, mice, cyclophosphamide effects on 3666.
adenovirus (human) 12 induced, mice, activation-endogenous A-type virus/C-type virus 8056.
aetiology, role-viruses, review 3120.
allografts, immune response, cytomegalovirus infection effects on, mice 3621.
Anguilla anguilla, EV-2 virus physicochemical properties/isolation 5400.
ascites/solid tumours, mice, growth, interferon effects on 5651.
association-chronic herpes simplex virus 2 skin infection, case reports 5898.
association-cytomegalovirus infection, man, review 8151.
association-herpesvirus, man/animals, review 2467.
association-immune complexes-glomerulonephritis, hamsters, SV40 3111.
avian leucosis virus induced, birds, comparison 1767.
avian sarcoma virus B77 induced, growth, tumour cells soluble components effects on, rats 5110.
avian sarcoma virus induced, immunity/immunological enhancement, chickens/quail 6525.
benign/malignant, rabbits, Shope papilloma virus genomes detection 6557.
bone tumours, man, virus-like particles detection, case reports 337.
brain tumours, association-viruses meningoencephalitis, children, case reports 2507.
brain tumours, hamsters, induction, Rous sarcoma virus infected brain cells 2478.
brain tumours, induction, JC virus, Aotus trivirgatus 3108.
brain tumours, man, papovavirus antigen T absence 1048.
brain tumours, SV40 related antigen T detection, man 5846.
breast, cells, growth, interferon effects on 905.
breast tumours, cell lines, man, mammary tumour virus antigen (tumour-associated) detection 4393.
breast tumours, mammary tumour virus immunity (cell-mediated), man 2526.
breast tumours, man, antigens, antigenic relationship-mammary tumour virus glycoproteins 7881.
breast tumours, man, detection-D-type virus antigens 7264.
breast tumours, man, mammary tumour virus A-type particles antibodies detection 1819.
breast tumours, patients, serum, detection-specific antiviral activity, mammary tumour virus 8160.
breast tumours man, Kirsten sarcoma virus/mammary tumour virus/Rauscher leukaemia virus immunity (cell-mediated) 967.
Burkitt's lymphoma, epidemiology/role-Epstein-Barr virus, man, Africa/Papua New Guinea 5851.
Burkitt's lymphoma/nasopharynx tumours, role-Epstein-Barr virus, man 6604.
cell lines, man, tumorigenicity, athymic nude mice, Epstein-Barr virus infection effects on 8064.
cervix, epithelium cells, man, herpes simplex virus 2 replication, in vitro 4614.

IRL©1979

Tumours,(continued)
cervix tumours, association-herpes simplex virus 2, man, case reports 2513.
cervix tumours, association-herpes simplex virus 2 antibodies, man 3709.
cervix tumours, association-herpes simplex virus/control/epidemiology/pathology/treatment, man, review 4389.
cervix tumours, association-herpes simplex virus 1/herpes simplex virus 2, man 5162.
cervix tumours, concurrent vulva warts, Hodgkin's disease complications, man, case reports 3141.
cervix tumours, herpes simplex virus antibodies levels, man, review 3148.
cervix tumours, herpes simplex virus antigen (tumour-associated) detection, man 5848.
cervix tumours, herpes simplex virus infected cells, antibody-dependent cell-mediated cytotoxicity, man 3147.
cervix tumours, herpes simplex virus 1/herpes simplex virus 2 antibodies incidence, man 7260.
cervix tumours, man, association-herpes simplex virus 2 antibodies, review 2514.
cervix tumours, man, cytomegalovirus infection association 1053.
cervix tumours, man, herpes simplex virus 2 antibodies incidence 341.
cervix tumours, man, herpes simplex virus/SV40 antibodies incidence 5847.
cervix tumours, man, India, herpes simplex virus 1/herpes simplex virus 2 antibodies incidence 3711.
cervix tumours, relationship-herpes simplex virus 2 antibodies/cervix dysplasia, man 5849.
cervix tumours, role-herpes simplex virus infection, man, review 2512.
cervix tumours, role-herpes simplex virus 2, man 6604.
cervix tumours, role-herpes simplex virus 2, man, review 7290.
cervix tumours, role-herpesvirus, man 1810.
cervix tumours, sexual partners, herpes simplex virus 2 antibodies levels 5163.
cervix tumours/lip tumours/skin tumours, role-viruses, man 8139.
cervix tumours/prostate tumours, association-herpesvirus, man 3145.
chickens, Marek's disease virus induced, Marek's disease virus transcription control 4795.
development, avian myeloblastosis/Marek's disease, cyclophosphamide/dexamethasone effects on, chickens 5796.
ear tumours, SV40 induced, hamsters 7214.
Ehrlich ascites tumours, mice, immunosuppression, Erwinia carotovora phage 62 948.
established, rats, regression, induction, Friend leukaemia virus + DEAE-dextran 4371.
fibrosarcoma, methylcholanthrene induced, mice, AKR leukaemia virus antibodies, Corynebacterium parvum effects on 5148.
fibrosarcoma, 3-methylcholanthrene induced, mice, immunity, lactic dehydrogenase virus infection effects on 8409.
fibrosarcomas, SV40 induced, hamsters, kallikrein levels/growth, bradykinin effects on 4349.
fish, association-viruses 5083.
gastrointestinal tract papilloma, cattle, papilloma virus (bovine) aetiology 1748.
growth, athymic nude mice, mouse hepatitis virus infection effects on 5775.
hamsters, induction, BK virus 1746.
hamsters, virus-like particles detection 1024.
Harvey sarcoma virus induced, histology/morphology, chickens/mice 5151.
head and neck tumours, man, recurrence, relationship-Epstein Barr virus antibodies levels 3713.
hepatocellular carcinoma, albumin/globulins levels, sera, hepatitis/cirrhosis, comparative studies, man, Ghana 983.
hepatocellular carcinoma, association-hepatitis B surface antigen, man 4504.
hepatocellular carcinoma, man, hepatitis B surface antigen detection/significance 7267.
hepatocellular carcinoma/sarcoma, CELO virus induced cell lines, hamsters, antigenic characteristics/virus-like particles production 1007.
herpes simplex virus 1 induced, hamsters, growth, lynoestrenol + Staphylococcus aureus effects on 309.
immune response, mice, Moloney leukaemia virus/Moloney sarcoma virus infection effects on 3694.
immunocytoma, rats, A-type particles detection 1802.
immunotherapy, man, use-interferon induction, poly (I.C)-poly (lysine) complex 7918.
immunotherapy, vaccines, man, review 5843.
induction, adenovirus (human) 12, antiviral agents derived from Streptococcus faecalis effects on 5077.
induction, adenovirus (human) 31/SV40, rosette formation, thymocytes, hamsters 3664.
induction, avian sarcoma virus, chickens, BCG effects on 3678.
induction, Harvey sarcoma virus/Harvey sarcoma virus producer cells, mice 5152.
induction, HIX virus, cats/mice 2489.
induction, Mill Hill virus 2, chickens 5801.
induction, Moloney sarcoma virus, mice, inactivated Moloney leukaemia virus immunization effects on 4376.
induction, SV 40, pathogenesis, hamsters 6564.
induction, SV40, hamsters, suppression, gonadectomy/immunosuppressive agents/steroid hormones 5094.
induction, SV40 temperature-sensitive mutant, hamsters 5791.
induction, temperature sensitive mutant SV40, adults/neonates, Syrian hamsters 6567.
induction, viruses, embryos tissues, rats 5776.
induction-herpes simplex virus 2 transformed cell lines, rats 6570.
kidney adenocarcinoma, herpesvirus induced, cell lines, karyotypes, frogs 1011.
larynx tumours, papovavirus antigens, comparison-condyloma acuminatum/warts, man 2283.
lip tumours, role-herpes simplex virus infection, man 8149.
liver, association-hepatitis B surface antigen, case reports 6703.
liver tumours, aetiology, hepatitis B virus induced-aflatoxins, man 5168.
liver tumours, antigen e/antibodies association, man 344.
liver tumours, association-cirrhosis/hepatitis B, man 2530.
liver tumours, association-hepatitis B surface antigen, man 1061.
liver tumours, association-hepatitis B surface antigen, correlation-liver cirrhosis, man 2529.
liver tumours, association-hepatitis B surface antigen, case reports 5861.
liver tumours, association-hepatitis B virus infection, European population, man 1821.
liver tumours, association-hepatitis B virus, man, Europe/USA 4396.
liver tumours, association-hepatitis B virus infection, man, review 5860.
liver tumours, association-hepatitis B virus, man 5862.

Tumours,(continued)
liver tumours, association-hepatitis B virus infection, man, Africa, South 8163.
liver tumours, haptoglobin levels, serum, man 2600.
liver tumours, hepatitis B associated, measles virus antibodies levels, man 8165.
liver tumours, hepatitis B core antigen/hepatitis B surface antigen detection, correlation-liver cells dysplasia, man 3776.
liver tumours, hepatitis B core antigen/hepatitis B e antigen/hepatitis B surface antigen/antibodies incidence, man 7269.
liver tumours, hepatitis B surface antigen positive, treatment, liver transplantation, case reports 1060.
liver tumours, hepatitis B surface antigen detection, immunofluorescence (indirect), man 2528.
liver tumours, hepatitis B surface antigen detection, liver, man, Hong Kong 5217.
liver tumours, hepatitis B virus aetiology, man 4395.
liver tumours, induction, avian leucosis virus MC29, turkeys 5105.
liver tumours, man, hepatitis B antigen incidence, serum 1820.
liver tumours, man, hepatitis B core antigen/hepatitis B surface antigen detection, malignant/non malignant cells 5859.
liver tumours, man, hepatitis B surface antigen incidence 7268.
liver tumours, man, hepatitis B virus DNA detection 1062.
liver tumours, man, hepatitis virus A antibodies levels 8162.
liver tumours, man, role-hepatitis B virus 8164.
liver tumours, man, Taiwan, hepatitis B surface antigen incidence 6005.
liver tumours, Marmota monax, hepatitis B virus virus-like particles association 1212.
liver tumours, rats, endogenous C-type virus protein p30 activation 1045.
liver tumours, relationship-cirrhosis/hepatitis B virus, man 3153.
liver tumours, role-hepatitis B virus, man 7270.
liver tumours, role-hepatitis B virus infection, man 6606.
liver tumours development, association-hepatitis B virus, hepatitis (chronic active) 1124.
lung tumours, mice, urethan induction, reovirus infection effects on 535.
lung tumours, pathogenesis, influenza virus infection, synergism-carcinogens, man 5858.
lymphoma, incidence, mice, murine leukaemia virus infection 6772.
lymphoma, induction, Abelson leukaemia virus, mice 1040.
lymphoma, lymphocytes B, man, role-Epstein-Barr virus infection 1054.
lymphoma, Moloney sarcoma virus induced, cell-free ascites fluid membranes, tumorigenicity/immunogenicity, mice 3701.
lymphoma, rats, cells proliferation, correlation-radiation leukaemia virus production, in vitro 328.
mammary gland tumours, cell lines, dogs, oncornavirus induction, uridine (5′ iodo2′-deoxy) 5125.
mammary gland tumours, cell lines, rats, role-Kilham rat virus 3654.
mammary gland tumours, C3H mice sublines, mammary tumour virus induced 332.
mammary gland tumours, mammary tumour virus expression, tumour cells, heterogeneity, mice 1799.
mammary gland tumours, man, role viruses 5842.
mammary gland tumours, mice, mammary tumour virus immunity (cell mediated) 5047.
mammary gland tumours, mice, mammary tumour virus proviruses DNA sequence 7247.
mammary gland tumours, mice, proviruses positive/negative, mammary tumour virus DNA integration 4141.
mammary gland tumours, mice, treatment, cyclophosphamide + oncolytic virus 1797.
mammary gland tumours, rats, 7,12-dimethylbenz(a)anthracene induced, replication-defective endogenous oncornavirus expression 5154.
mammary gland tumours, spontaneous, guinea-pigs, B-type particles detection 2482.
mammary tumour virus, development, mice, BCG effects on 1801.
mammary tumours, hormones/radiation (X)/urethane induced, mice, mammary tumour virus RNA biosynthesis 8129.
man, analysis-adenovirus (human) 4 DNA 5160.
man, BK virus antigen T/antibodies/DNA sequence, detection, failure 2508.
man, immunotherapy, use-interferon inducers 7916.
man, treatment, interferon 2357.
man, viruses detection, use-DNA transfection 7255.
Marek's disease, cell culture derived from, characterization 2090.
Marek's disease virus, enhancement endogenous oncornavirus expression, specific pathogen free chickens 5102.
Marek's disease virus induced, development/rejection, genetic factors, chickens 5797.
Marek's disease virus induced, transplantation, Marek's disease virus vaccines efficacy, role-lymphocytes T, chickens 3054.
meningioma, man, chromosome aberrations/SV40 antigen T expression 7259.
methylcholanthrene induced, mice, endogenous C-type virus (murine) expression 1030.
3-methylcholanthrene/Moloney sarcoma virus induced, immune response (cell-mediated), mice 8128.
mice, interferon, antitumour activity 3568.
mice, mammary tumour virus production/purification, absence-endogenous murine leukaemia virus 3372.
mice, Moloney sarcoma virus nonproducer cells derived from, Moloney sarcoma virus genomes rescue 2498.
Moloney leukaemia virus + murine sarcoma virus induced, glycoproteins, immune response (cell-mediated) specificity, mice 5831.
Moloney sarcoma virus, growth/immune response, BALB/c mice, cryosurgery/surgery effects on 1794.
Moloney sarcoma virus, immune status, mice 1041.
Moloney sarcoma virus, mice, anti-inflammatory agents effects on 5834.
Moloney sarcoma virus induced, antigen (tumour-associated) characterization, rats 4378, 4379.
Moloney sarcoma virus induced, α-foetoprotein effects on, mechanisms, mice 3698.
Moloney sarcoma virus induced, immunity (cell-mediated), mice 5046.
MS-2 tumour, Moloney sarcoma virus induced, characterization/chemotherapy, mice 4380.
murine sarcoma virus induced, lymphocytes T cytotoxicity, in vitro, mice 8001.
myeloma (multiple), man, treatment, interferon 7117.
nasopharynx carcinoma, aetiology, role-Epstein-Barr virus 343.
nasopharynx carcinoma, man, Epstein-Barr virus nuclear antigen presence 1057.
nasopharynx tumours, antibody response/clinical manifestations/role-Epstein-Barr virus, man 8152.
nasopharynx tumours, association-Epstein-Barr virus, Alaskans 2519.

IRL©1979

Tumours,(continued)
nasopharynx tumours, association-Epstein-Barr virus/control/epidemiology/pathology/treatment, man, review 4392.
nasopharynx tumours, Chinese, Epstein-Barr virus antibodies assays 5854.
nasopharynx tumours, depression-immunity (cell-mediated), Epstein Barr virus, man 5855.
nasopharynx tumours, Epstein-Barr virus antibodies, man 1816.
nasopharynx tumours, Epstein-Barr virus antibodies detection/diagnosis 2518.
nasopharynx tumours, Epstein-Barr virus antibodies detection, man 2520.
nasopharynx tumours, Epstein-Barr virus aetiology 7261.
nasopharynx tumours, Epstein-Barr virus immunoglobulin A/immunoglobulin G antibodies levels, man 6603.
nasopharynx tumours, Epstein-Barr virus positive, Epstein-Barr virus negative lymph nodes, absence-malignancy/association-chromosome 14 5164.
nasopharynx tumours, man, review 7984.
nasopharynx tumours, man, Sudan, Epstein-Barr virus antibodies incidence 5165.
nasopharynx tumours, patients, detection-Epstein-Barr virus specific antibodies 8158.
nasopharynx tumours, patients, Epstein-Barr virus antibodies, relationship-complement C1Q binding activity 5720.
nasopharynx tumours, prognosis, relationship-Epstein-Barr virus antibodies levels, man, Africa 3150.
nasopharynx tumours, role-Epstein-Barr virus infection, immunological aspects, man, review 1813.
nasopharynx tumours, role-Epstein-Barr virus infection, man, review 2517.
nasopharynx tumours, role Epstein-Barr virus, man 3714, 8155.
nasopharynx tumours, virus-like particles detection, man 1047, 4391.
nsopharynx tumours/tonsils, virus-like particles detection, man 2506.
oesophagus tumours, rhesus monkey, cell lines establishment/C-type virus detection 1046.
oncornavirus, immunology, kinetics models 6587.
oncornavirus induced, immune response, mice 3083.
osteosarcoma, Moloney sarcoma virus induced, rats, doxrubicin effects on 2497.
penis, association-photoinactivation treatment, herpes simplex virus recurrent infection, case reports 3146.
plasmacytoma, mice, pristane induction, endogenous oncornavirus activation 1028.
polyoma virus induced, growth, rats, mathematical models 3110.
polyoma virus induced, immunoglobulins binding, role-histocompatibility antigen H-2, mice 4341.
polyoma virus/SV40, review 5087.
poultry, aetiology/pathology, comparison-man/animals 2471.
prostate tumours, cytomegalovirus infected/transformed cells, man 1812.
radiation induced, mice, C-type virus producer cells derived from, cell lines characterization/establishment 8095.
retina, rats, adenovirus (human) 12 induced, cell lines establishment 7215.
retinoblastoma, rodents, adenovirus (human) induction, comparison-bilateral eye tumours, case reports 307.
rhabdomyosarcoma, Elaphe guttata, C-type virus characterization/isolation 7254.
role-Epstein-Barr virus, association-immunocompetence sex linkage, man 7263.
role-herpesvirus, man, review 5161.
role-oncornavirus, review 2897.
role-viruses 1043.
role-viruses, man, review 4386.
Rous sarcoma virus deletion mutant induced, Rous sarcoma virus specific RNA recovery 4136.
Rous sarcoma virus induced, antigen (tumour-associated) characterization, Japanese quails 1020.
Rous sarcoma virus induced, electric currents resistance, comparison-normal tissues, chickens 7229.
Rous sarcoma virus induced, immunity, detection, leucocyte adherence inhibition, cross-reactivity-BCG, rats 5731.
Rous sarcoma virus induced, regression, chickens, genetic analysis 7228.
Saguinus, induction, Herpesvirus ateles/Herpesvirus saimiri DNA 1009.
skin tumours, Cyprinus carpio, herpesvirus detection 7216.
skin tumours, spontaneous, Cynops pyrrhogaster, role-viruses 8070.
soft tissue tumours, viruses/carcinogens induced, comparison-spontaneous, hamsters 3107.
spontaneous, chickens, avian sarcoma virus characterization/isolation 8083.
stomach tumours, cattle, British Isles, role-papilloma virus aetiology, review 1747.
stomach tumours, presentation-cytomegalovirus infection associated-stomach ulcers, man, case reports 7297.
stomach tumours, role-viruses, man 4394.
SV40, mice, vaccinia virus oncolysates treatment 305.
SV40 induced, antigen (tumour-associated), cell-mediated cytotoxicity, cyclophosphamide effects on, mice 7210.
SV40 induced, antigen (tumour-specific), lymphocytes T cytotoxicity, genetics, mice 7209.
SV40 induced, associated immunosuppression, hamsters 7970.
SV40 induced, growth, immune response (cell-mediated)/immune response (humoral) during, hamsters 1691.
SV40 induced, growth, lymphoid tissues histology during, hamsters 5093.
SV40 induced, immune response, hamsters 6565, 6566.
SV40 induced, immunity, hamsters, BCG effects on 4348.
SV40 induced, lymphocytes T cytotoxicity, inhibition-Freund's adjuvant, mice 4342.
SV40 induced, mice, rejection, role-antigen (tumour-specific) 1750.
thymus tumours, murine leukaemia virus induced, chromosome 15 trisomy, mice 8100.
treatment, interferon, man, clinical trials 7912.
treatment, interferon, man, review 5647.
viruses aetiology, review 5771.
Tungstosilicic acid,
antiviral activity, sugarcane mosaic virus 1733.
Tunicamycin,
antiviral activity, Newcastle disease virus, lipids effects on 1743.
effects on interferon, leucocytes 1604.
effects on interferon induction, Newcastle disease virus, in vitro 4967.
effects on vesicular stomatitis virus glycoproteins maturation 160.
inhibition-Rauscher leukemia virus envelope proteins precursors glycosylation, in vitro 6349.
Tunisia,
West Nile virus/Uukuniemi virus/Bhanja virus seroepidemiology, mammals 1225.

Tupaia belangeri,
lymphosarcoma, herpesvirus derived from, DNA, restriction endonuclease EcoR1 analysis 6912.
Turkeys,
avian leucosis virus MC29 induction-liver tumours 5105.
bluecomb disease antibody response 1708.
C-type virus isolation/physicochemical properties, lymphoproliferative disease 5104.
cell lines, kidney, susceptibility-Newcastle disease virus 5439.
haemorrhagic enteritis pathogenesis/immune response 479.
infectious bursitis virus experimental infection pathogenesis 2005.
infectious bursitis virus experimental infection 5334.
infectious bursitis virus/Newcastle disease virus isolation, respiratory tract diseases 1955.
parainfluenza virus 3 isolation, cattle 7416.
rotavirus association diarrhoea 2688.
transmissible enteritis of turkey virus infection, intestinal tract ultrastructure, immunofluorescence/electron microscopy 1260.
Turnip mosaic virus,
aetiology, mosaic disease, Pisum sativum, USA, New York 1298.
properties/infection incidence/symptoms, Nicotiana, Bulgaria 2832.
resistance, Brassica pekinensis 3916.
Turnip rosette virus,
infection, protoplasts, Brassica rapa, methodology 6888.
RNA, c.d. 644.
stabilization, magnesium/calcium cations 80.
Turnip yellow mosaic virus,
coat protein, mRNA nucleotide sequence 788.
infection, effects on methionine (S-adenosyl)/polyamines metabolism, Brassica chinensis 6814.
nucleoproteins, isolation, alkalinity effects on 7517.
quantitation, immunodiffusion 4237.
replication/structure, review 2848.
RNA, templates, reverse transcription products characterization 7772.
RNA, translation studies 7781.
RNA homology-eggplant mosaic virus/Andean potato latent virus, use-hybridization 645.
mRNA 5′-terminus, binding-wheat germ ribosomes 7779.
ultrastructure studies, fixation, methodology 6159.
Tuvalu,
hepatitis B surface antigen/antibodies incidence, man 3828.
Tween-80,
inhibition-phage 13 DNA injection 4054.
Tylenchorhynchus martini,
cytoplasmic polyhedrosis virus characterization/host range 2024.
Tyrothricin,
antiviral activity, Sendai virus 2451.

U-25.166,
induction-interferon, effects on Trypanosoma equiperdum infection, mice 4974.
Uganda,
Epstein-Barr virus association-Burkitt's lymphoma, man 1055.
Uganda S virus,
RNA biosynthesis, BHK-21 cells/Aedes albopictus cells 1490.
Ulcerative colitis,
acute, association-cytomegalovirus infection, man, case reports 8208.
Ulcers,
cornea, association-herpes zoster, case reports 3178.
cornea, herpes simplex virus, treatment, guanine(9-[2-hydroxyethoxymethyl]), man 3839.
genitalia, males, man, role-viruses 4387.
penis, man, herpes simplex virus isolation 2553.
skin, association-feline rhinotracheitis virus infection, cats 7404.
skin, association-varicella-zoster virus congenital infection, case reports 5915.
stomach, associated-cytomegalovirus infection, presentation-stomach tumours, man, case reports 7297.
Ultracentrifugation,
diagnosis-viruses infection, animals/man 2677.
hepatitis B surface antigen positive blood, Dane particles isolation, man 3953.
purification-avian encephalomyelitis virus 1325.
purification-influenza A virus 3374.
Ultrafiltration,
C-type virus concentration, culture fluids 1326.
Ultrasonic scanning,
foetuses, cytomegalovirus congenital infection, man, case repots 1848.
Ultrasonics,
brome mosaic virus capsids structure 5488.
Ultrasound,
treatment-herpes simplex virus genital tract lesions, man, males 1937.

Uncoating,
adenovirus (human) 2, models 5514.
Epstein-Barr virus, Daudi cells, electron microscopy 1439.
murine leukaemia virus, cells, mice 4741.
nuclear polyhedrosis virus, Heliothis zea midgut cells 1442.
SV40 yield after, nuclei, CV-1 cells 679.
tobacco mosaic virus, dimethyl sulphoxide 6283.
viruses, role-calcium 5493.
Uracil,
incorporation, DNA biosynthesis, adenovirus (human) 12 6989.
Uracil (bromodeoxy),
activation-endogenous oncornavirus, relationshp-chromatin nucleoproteins organization, embryo cells, rats 3671.
Uracil arabinoside,
5-substituted derivatives, antiviral activity 5068.
Uracil-DNA glycosidase,
repair-phage PBS1/phage SPO2 cytosine deaminated DNA 1530.
Uracil-DNA glycosylase,
DNA repair-phage PBS1/phage φX174 4868.
Uraeginthus bengalus,
Nigeria, infectious bursitis seroepidemiology 511.
Urea,
effects on herpes simplex virus 2 plaques formation, Vero cells/lung fibroblasts-man 6165.
effects on Sendai virus glycoproteins neuraminidase activity/structure 5472.
effects on southern bean mosaic virus pH dependent biological properties 5491.

IRL©1979

Urethan,
induction-lung tumours, mice, reovirus infection effects on 535.
Urethra,
condyloma acuminatum distribution, man 338.
Urethritis,
role-herpesvirus/treatment, man 4406.
Urethritis (non-specific),
genitourinary tract, man, herpes simplex virus aetiology 4417.
Uria aalge,
poxvirus infection 2684.
Uridine,
analogues, effects on Epstein-Barr virus expression/transformation 5795.
transport, fibroblasts, mice, polyoma virus/SV40 transformation effects on 5798.
transport, relationship-growth, SV40 transformed mammalian cells 3658.
Uridine (bromodeoxy),
+ dimethyl sulphoxide, effects on Friend leukaemia virus mRNA expression, Friend erythroleukaemia cells 7003.
Uridine (5-Bromodeoxy),
containing phage λ DNA, restriction endonuclease digestion 2777.
effects on host cell reactivation, radiation (u.v.) treated herpes simplex virus 7654.
Uridine (5′-Bromo-2′-Deoxy),
mutagenesis-cells, hamsters, SV40 effects on 3378.
Uridine ((E)-5-(2-Bromovinyl)-2′-Deoxy),
antiviral activity, herpes simplex virus 1, in vitro/in vivo 8039.
Uridine (5-Carboxy-2′-Deoxy),
antiviral activity 1002.
Uridine (5-Cyano),
antiviral activity 296.
Uridine (5-Cyano-2′-Deoxy),
antiviral activity 296.
Uridine (5-Ethyl-2′-Deoxy),
treatment-herpes simplex virus encephalitis, mice 3884.
Uridine (5′-Fluoro-2′-Deoxy),
inhibition-polyoma virus DNA biosynthesis, embryo cells, mice 5526.
Uridine (5′-Iodo-2′-Deoxy),
treatment-herpes simplex virus keratitis, comparison-cryotherapy 3264.

C-type virus induction, lung embryo cells, man 3715.

activation-A-type particles, cell lines, mice 1781.
antiviral activity, herpes simplex virus 7197.
efficacy, man 2453.
inhibition-vaccinia virus/monkeypox virus replication, lung cells, rabbits 1744.
iontophoresis, effects on herpes simplex virus 1 infection, mice 1994.
treatment, induction-Epstein-Barr virus early antigen, positive lymphoma cell lines 580.
treatment-herpes simplex virus infection/herpes zoster, man, clinical trials 1167.
treatment-herpes simplex virus infection, man 4511.
treatment-herpes simplex virus keratitis, man, clinical trials 1169.
treatment-herpes simplex virus 1 keratitis, rabbits 3886.
treatment-herpes zoster, man 8334.

induction-oncornavirus, cell lines, mammary gland tumours, dogs 5125.

Uridine (5-Iodo-2′-Deoxy),
treatment-herpes simplex virus infection, skin, guinea-pigs 3885.
treatment-herpes simplex virus/varicella zoster virus infection, man 8332.
Uridine (trifluoro),
inhibition-adenovirus replication in vitro 2460.
treatment-herpes simplex virus keratitis, case reports 1936.
Uridine (trifluoromethyl-2′-Deoxy),
inhibition/regulation-herpes simplex virus 1 induced thymidine kinase, HEp-2 cells 132.

Urinary tract,
diseases, pregnancy, role-viruses, man 5885.
infection, antibody response, Pan troglodytes, adenovirus (simian) 257.
symptoms, association-cytomegalovirus infection, man, case reports 5905.
Urine,
antiviral activity, herpes simplex virus 1, detection, following adenine arabinoside administration, man 4336.
infectivity, bovine leukaemia virus infected cattle 5810.
pregnancy, man, polyoma virus/virus-like particles detection/significance 365.
Urocyon cinereoargenteus,
rabies virus seroepidemiology, USA, Virginia 5317.
Urticaria,
association-hepatitis B, pathogenesis, role-immune complexes, man 1128.
USA,
adenovirus (avian) antibodies incidence, ducks 6751.
curly top virus epidemiology/transmission, Circulifer tenellus, Beta vulgaris 3934.
Ebola virus haemorrhagic fever, control/surveillance, importation, man 3816.
equine infectious anaemia diagnosis/epizootiology/control, horses, review 1953.
foot-and-mouth disease diagnosis/epidemiology/symptoms/transmission, cattle 6065.
Glycine max diseases 1305.
herpes genitalis epidemiology/incidence, man 4463.
hog cholera control/eradication, pigs, review 1236.
immune status, measles virus 6484.
infectious diseases prophylaxis, vaccination, man, review 2371.
influenza A/influenza B epidemiology, children 5985.
influenza A virus vaccination efficacy, man 6498.
influenza virus vaccination, man, economic aspects 7140.
influenza virus vaccination, man, social aspects 7945.
influenza virus vaccination programmes 922.
measles/rubella prophylaxis, vaccination, man, review 2403.
measles virus/rubella virus seroepidemiology, man 7356.
poliovirus immune status, military personnel 6680.
poliovirus vaccination, efficacy/recommendations, man 1659.
rabies epidemiology/control 521.
rotavirus (equine) aetiology, diarrhoea, horses 1201.
rotavirus serotypes enzyme-linked immunosorbent assay/epidemiology 3228.
rubella epidemics, military personnel 1901.
rubella screening/vaccination, man 7132.
strawberry latent ringspot virus identification/isolation, Petroselinum crispum 6799.
subacute sclerosing panencephalitis, epidemiology, man 5298.
viruses vaccination recommendations, children 224.
Zea mays diseases, indexes 1308.
USA, Alabama,
St. Louis encephalitis epidemiology/control, man 430.

USA, California,
Culex tarsalis populations, correlation St. Louis encephalitis virus/western equine encephalomyelitis virus epidemiology 8296.
granulosis virus infection epizootics, Scotogramma trifolii 546.
multiple sclerosis incidence, correlation-migration age, man 1946.
tobacco rattle virus identification/symptomatology/transmission, Lactuca sativa 1285.
USA, Connecticut,
Jamestown Canyon virus isolation, Aedes abserratus/Aedes cantator/Aedes vexans 1904.
USA, Delaware,
influenza A virus vaccination programmes, efficacy, man 3595.
USA, Florida,
Cymbidium mosaic virus/Odontoglossum ringspot virus incidence, Epidendrum 5384.
St. Louis encephalitis epidemiology/diagnosis/Culex nigripalpus vectors 432.
watermelon mosaic virus 2 transmission, Aphididae 3361.
western equine encephalitis virus + eastern equine encephalitis virus combined vaccines, man 225.
USA, Idaho,
progressive pneumonia seroepidemiology, sheep 4539.
USA, Illinois,
cowpea mosaic virus isolation/transmission-Ceratoma trifurcata, Glycine max/Desmodium canescens 6136.
St. Louis encephalitis outbreaks, epidemiology, man 6683.
USA, Indiana,
plant diseases, review 558.
USA, Iowa,
arbovirus epidemiology, man/vectors 427.
cytomegalovirus rhinitis (inclusion body), clinical manifestations/epidemiology, pigs 4527.
La Crosse virus/St. Louis encephalitis virus/western equine encephalitis virus epidemiology, man/horses 8290.
USA, Kentucky,
equine infectious arteritis outbreaks, horses 1226.
USA, Louisiana,
equine infectious anaemia incidence, horses 6071.
USA, Maryland,
rabies post-exposure prophylaxis recommendations, man 1164.
USA, Massachusetts,
viruses epidemiology/incidence, Cucumis melo/Cucurbita maxima/Cucurbita pepo/weeds 2051.
USA, Missouri,
cucumber mosaic virus infection, symptomatology/transmission-Aphis craccivora, Vigna radiata 1304.
USA, Nebraska,
hepatitis outbreaks, man 442.
USA, New Jersey,
influenza A outbreaks, epidemiology/clinical manifestations/viruses characterization, man 3246.
USA, New York,
carnation latent virus identification, Dianthus 6148.
eastern equine encephalitis outbreaks, horses, transmission-Culiseta melanura/birds 4536.
hepatitis A virus/hepatitis B virus seroepidemiology, children 444.
turnip mosaic virus aetiology, mosaic disease, Pisum sativum 1298.
USA, North Carolina,
California encephalitis, clinical manifestations/epidemiology, case reports 3755.
USA, North Dakota,
maize dwarf mosaic virus epidemiology/host range/transmission 2753.
USA, Ohio,
St. Louis encephalitis epidemics, clinical manifestations/pathology, man 1143.
USA, Oklahoma,
influenza A virus/Newcastle disease virus seroepidemiology, aquatic birds 7419.
USA, Oregon,
measles control/epidemiology/vaccination, children 1929.
mild yellow-edge virus infection, Fragaria, transmission, Chaetosiphon fragaefolii 6133.
USA, Pennsylvania,
maize dwarf mosaic virus/maize chlorotic dwarf virus incidence, Zea mays 3356.
western equine encephalitis virus ecology/isolation-Culiseta melanura 8379.
USA, Puerto Rico,
dengue virus haemorrhagic fever, clinical manifestations, man 4428.
USA, South Carolina,
eastern equine encephalitis outbreaks, Coturnix coturnix 1982.
USA, Tennessee,
influenza A epidemics, man, review 3822.
St. Louis encephalitis epidemics/epidemiology, man 431.
yellow fever outbreaks, man, review 5978.
USA, Texas, Houston,
rotavirus, diarrhoea aetiology, children 4474.
USA, Virginia,
rabies epidemiology, foxes 519.
rabies virus seroepidemiology, wildlife 5317.
USA, Washington,
multiple sclerosis incidence, correlation-migration age, man 1946.
USA, Wisconsin,
coxsackievirus A/coxsackievirus B/ECHOvirus epidemiology, man 5245.
USSR,
arbovirus association-mosquitoes/ecology/identification 4476.
arbovirus epidemiology, geographic localization 1899.
avian leucosis virus/Rous sarcoma virus strains isolated, biological properties/oncogenicity 1766.
Chim virus isolation, Argasidae/Ixodidae 7493.
contribution-smallpox world-wide eradication 2656.
Creutzfeldt-Jakob disease diagnosis/epidemiology, man 6032.
hepatitis B incidence/screening/transmission prevention, man 4505.
hepatitis distribution, man 5268.
influenza A outbreaks, viruses characterization, man 7361, 7362.
influenza a virus epidemics, strains characterization 3820.
influenza A virus/influenza B virus strains seroepidemiology, man 5984.
influenza epidemiology, man 5262.
Phlebotomus fever virus strains, seroepidemiology, man 1145.
Sindbis virus/West Nile virus detection, birds, haemagglutination (indirect) 4218.
tick-borne encephalitis control, man 1928.
tick-borne encephalitis epidemiology 6685.
tick-borne encephalitis epidemiology, man 4486, 7352.
USSR, Chukotka,
tick-borne encephalitis ecology, birds/mammals 3300.
Ustilago maydis,
killer factor, gene mapping 4574.

IRL©1979

Ustilago maydis,(continued)
killer factors, review 8431.
nuclease activity, association-viruses induced killer factor 7771.
dUTP,
origin, phage PBS1 infected Bacillus subtilis 7051.
Uukuniemi virus,
isolation, Ixodes ricinus, Czechoslovakia 6684.
mixed infection tick-borne encephalitis + Tribec virus, mice 3316.
seroepidemiology, mammals, Tunisia 1225.
Uveitis,
association-cytomegalovirus/herpes simplex virus infection, man, review 5180.
herpes simplex virus, aqueous humour, chemotaxis/cells infiltration, rabbits 6083.
herpes simplex virus 1, rabbits, cyclophosphamide effects on 6763.

Vaccination,
children, lung diseases, German Dem. Rep. 2372.
man, review 7931.
programmes/recommendations, man, Netherlands 2368.
recommendations, adolescents 2997.
recommendations, man 2369.
recommendations, travel, man 220.
status, man, British Isles, review 219.
viruses, man 3577.
viruses, man, herpesvirus 5662.
Vaccines,
administration routes, man, review 7933.
conference 2064.
cytomegalovirus, mice 5014.
dengue virus, development 4988.
development, conference 4589.
efficacy/production, cell culture, avian laryngotracheitis virus 5010.
hepatitis B virus 4288.
immunotherapy-tumours, man, review 5843.
Japanese encephalitis virus, stability, tests 4989.
live, viruses, phage φV-1 isolation/significance 4980.
Marek's disease, efficacy/safety, comparison, chickens 4293.
production/development 2370.
viruses, applications/production/reactogenicity, man, review 2998.
viruses, man 3577.
Vaccinia,
complications/treatment, vaccinia virus vaccination, man 2377.
transmission-vaccination, man, case reports 1101.
Vaccinia virus,
antibodies levels, multiple sclerosis 3275.
antigens, induction, infected cells, immune response, rabbits 1705.
antiviral activity, 1-acyl-2-chloro-3-formylindoles-thiosemicarbazone derivatives 3104.
antiviral activity, adenine arabinoside/hypoxanthine arabinoside, chromatography (thin-layer) assays 5061.
antiviral activity, ammonium quaternary compounds/disinfectants 991.
antiviral activity, ammonium quaternary compounds 5063.
antiviral activity, benzoisoquinolines 6549.
antiviral activity, carminomycin 7198.
antiviral activity, cationic surfactants/cationogenic surfactants 999.
antiviral activity, formazans/tetrazolium 7200.
antiviral activity, interferon, role hosts, Macaca mulatta 5654.
antiviral activity, pantomycin 7201.
antiviral activity, pyrimidines derivatives 996.
antiviral activity, ribavirin, in vitro 8036.
antiviral activity, 1-β-D-ribofuranosyl 1,2,4 triazole-3 carboxa synthesis 294.
antiviral activity, substituted adenines 4337.
assembly mutants, complementation/recombination 7818.
Constantinea simplex/Farlowia mollis extracts antiviral activity 288.
cytopathic effect, amnion/kidney cells, hamsters/man/monkeys/rabbits 6169.
cytopathic effects, role lysosomal enzymes 5417.
DNA, length heterogeneity, cloning effects on 1371.
DNA, structure, inverted terminal repetition, electron microscopy 630.
DNA, termini, inverted repeats 628.
DNA physicochemical characterization, comparison fowlpox virus/juncopox virus 629.
DNA replication, muscle cells, chick embryos 1481.
DNA replication, role-nuclei, hosts 4798.
DNA restriction endonuclease fragments, electrophoresis, differentiation-cowpox virus/monkeypox virus/variola virus 627.
DNA transcription, infected cells 753.
DNA transcription in vivo 7729.
early RNA biosynthesis, in vitro, inhibition, zinc 2191.
high molecular weight RNA, translation, cell free system 1487.
identification, isoelectric focusing 663.
induced cell agglutination, concanavalin A mediated, HEp-2 cells 3961.
induced cell surface antigens, relationship-histocompatibility antigen H-2, infected cells, mice 7023.
induction-cytotoxic lymphocytes T, role-histocompatibility antigen H-2, mice 3630.
infected cells, haemagglutinin isolation 7890.
infected cells, recognition, cytolytic lymphocytes T, mechanism, role-histocompatibility antigen H-2 266.
infected cells, RNA translation in vitro 7731.
infected HeLa cells, phosphorylated ribosomal proteins, characterization/identification 4796.
infected L cells, ATP independent DNA biosynthesis 691.
infecti°w, lymphocytes T cytotoxicity, induction mechanism, mice 1704.
infection, antiviral activity/treatment, isatin thiosemicarbazones, mice 6091.
infection, association-hearing loss, hamsters 6765.
infection, effects on macrophages chemiluminescence, phagocytosis, mice 953.
infection, eye, treatment, adenine arabinoside, case reports 6026.
infection, HeLa cells, induction-DNA biosynthesis, characterization 2889.
infection, host range restriction, cells, hamsters, relationship protein biosynthesis shut-off 2167.
infection, immune response (cell-mediated), mice, relationship-histocompatibility antigen H-2 1718.
infection, immune response, role histocompatibility antigen HLA 959.
infection, treatment, adenine arabinoside, man 6020.
infection, ultrastructure, KB cells 4744.
intrauterine infection, diagnosis/incidence/treatment, man, review 3731.
lymphocytes T immune response, role-histocompatibility antigen H-2, mice 5741.

Vaccinia virus,(continued)
maturation, HEp 2 cells, pyrimidine (2-amino-4,6-dichloro) effects on 6367.
mixed infection adenovirus (human) 5, ultrastructure, KB cells 4745.
oncolysates, treatment SV40 induced tumours, mice 305.
5′-phosphate polyribonucleotide kinase, isolation/reaction mechanisms 752.
polypeptides, electrophoresis patterns, comparison-cowpox virus/monkeypox virus/variola virus 5465.
polypeptides characterization/protein biosynthesis, in vitro, comparison-cowpox virus/Shope fibroma virus 6332.
protein biosynthesis/virions proteins expression-surface antigen, in vitro 2890.
proteins release, infected BHK-21 cells 1447.
recognition, cytotoxic lymphocytes T, role-histocompatibility antigen H-2, mice 5038.
reinfection, protection, antibodies levels, man 1706.
replication, HeLa cells, 2-mercapto-1-(β-4 pyridethyl) benzimidazole effects on 4121.
replication, HeLa cells/RK-13 cells/SIRC cells/ haemagglutinin identification/isolation 7535.
replication, inhibition, uridine (5′-iodo-2′-deoxy), lung cells, rabbits 1744.
replication, requirement-hosts cells nuclei 4157.
revaccination, lymphocytes cytotoxicity, man 960.
mRNA (guanine-7-)-methyltransferase/mRNA (nucleoside 2′-)-methyltransferase, inhibition, sinefungin 1486.
mRNA, heteroduplex structure 4797.
mRNA, isolation, use-gene mapping, methodology 7655.
mRNA, methylated caps structures, analysis, chromatography 140.
mRNA, methylation, interferon treated cells, chickens 4120.
mRNA (nucleoside-2′-)-methyltransferase, characterization/ purification 1484.
mRNA (nucleoside-2′-)-methyltransferase, characterization/ substrate specificity 1485.
RNA biosynthesis, cytoplasm/nuclei, HeLa cells 5532.
mRNA guanylyltransferase activity/characterization 138.
mRNA guanylyltransferase purification 137.
mRNA translation, isatin-β thiosemicarbazone effects on 7730.
seroepidemiology, Indians, Brazil 8277.
structural protein, comparison-cowpox virus/Shope fibroma virus 1386.
susceptibility, lung/muscles embryo cells, cattle 5436.
uridine (5-cyano)/uridine (5-cyano-2′-deoxy) antiviral activity 296.
vaccination, association-leukaemia (chronic lymphatic) remission, man, case reports 911.
vaccination, association-mucocutaneous lymph node syndrome, infants, case reports 4270.
vaccination, children, review 7932.
vaccination, complications, clinical manifestations/incidence, man, USSR 5667.
vaccination, complications, encephalomyelitis, case reports 7127.
vaccination, complications, myocarditis, clinical manifestations/treatment, case reports 4271.
vaccination, effects on leucocytes agglutination, children 4985.
vaccination, induction-lymphadenitis, rabbits 5016.
vaccination, neurological complications, children 4269.
vaccination, neurological complications, man 4272.
vaccination, rabbits, complications/vaccinia virus isolation 3055.
vaccination, rash complications, children 3578.
vaccination, reactogenicity, relationship-blood groups, man 4273.
vaccination, role-killer cells/lymphocytes B, man 7128.
vaccination, safety, man, Yugoslavia 3579.
vaccination, side effects, Hodgkin's disease, man 3002.
vaccination, vaccinia complications/treatment, man 2377.
vaccination, viruses specific cytolytic/cytotoxic lymphocytes characterization, man 5037.
vaccines, administration-foot, man 3001.
vaccines, administration recommendations 3000.
vaccines, efficacy, administration routes/dosage effects on, mice 3314.
vaccines, immunogenicity/reactogenicity, man 910.
vaccines, production, chick embryos 5666.
vaccines, reactogenicity/antibody response, man 2376.
vaccines, transmission risks, infants 6482.
vaccines reactogenicity 222.
vaccines strains, biological properties 7126.
virions polypeptides, characterization 6930.
Vaccinium corymbosum,
tobacco ringspot virus characterization/isolation 5368.
Vagina,
bovine rhinotracheitis virus infection, central neverous system lesions, cattle 1246.
herpes simplex virus infection, treatment, children 4414.
herpes simplex virus 1/herpes simplex virus 2 infection, clinical manifestations/latency, pyran effects on, mice 5766.
herpes simplex virus 2 recurrent infection, prior herpes simplex virus 1/herpes simplex virus 2 infection effects on, guinea-pigs 5328.
swabs, herpes simplex virus isolation/stability 6674.
Vaginitis,
cattle, associated viruses, comparison-bovine rhinotracheitis virus 4520.
Vandeleuria oleracea,
C-type virus isolation/homology-mice/rats C-type virus 5130.
Varicella,
association-arthritis, children, case reports 5193.
association-hepatitis, case reports 6635.
association-hypertension + polyradiculitis, case reports 2565.
association-protein-energy malnutrition/seroepidemiology, children, Guatemala 7365.
central nervous system pathology, children 8220.
clinical manifestations, immunodeficiency effects on, children, case reports 5913.
combination-lead poisoning, lead levels, children 4438.
complications, myelitis, case reports 1100.
disease spread/epidemiology, comparison-herpes zoster, man 1893.
incubation, varicella-zoster virus isolation-blood during, man, case reports 8219.
osteomyelitis/Streptococcus infection complications, case reports 383.
outbreaks, antibody response, Macaca arctoides/Macaca mulatta 8371.
pathology, pregnancy, man, case reports 3176.
pathology/prophylaxis, cancer patients 5917.
pneumonia, man, case reports 7302.
prophylaxis, immune serum, man 7929.
prophylaxis, vaccination, man, USA, review 2371.
protein-energy malnutrition effects on, children 5959.
respiratory tract complications, pregnancy, case reports 8218.
treatment, association-immunosuppression, man 6025.
treatment, cytosine arabinoside, man 1173.
treatment, ribavirin, children 3837.
Varicella-zoster virus,
antibodies, enzyme immunoassay/radioimmunoassay,

IRL©1979

Varicella-zoster virus,(continued)
comparison-immunofluorescence, man 4909.
antibodies, incidence/levels, central nervous system diseases, man 4408.
antibodies, levels, commercial preparations, immun°oglobulins, man 4212.
antibodies incidence, relationship-vaccination, children 1888.
association-myocarditis, man 3159.
characterization/isolation-herpes zoster lesions, man 1420.
concentration/purification, melanoma cell lines, man 6856.
congenital infection, association-cataract, case reports 3177.
congenital infection, association-skin ulcers, case reports 5915.
congenital infection, clinical manifestations/prophylaxis, man 5916.
cross-reactivity Delta herpesvirus antigens, Erythrocebus patas 2290.
encephalitis, treatment, AMP arabinoside, man, case reports 7384.
enzyme immunoassay, comparison-complement fixation/immune adherence haemagglutination/neutralization 2942.
immune response (cell-mediated), cancer patients, children 264.
immunization (passive), antibody response, children 3572.
immunization (passive), convalescence serum/specific immunoglobulins, efficacy, children 7124.
immunoglobulins, efficacy/availability 216.
infected HF cells, thymidine kinase, purification/properties 7726.
infection, association-congenital malformations, man 1089.
infection, clinical manifestations/treatment, man, review 8192.
infection, eosophagus/viscera, clinical significance/incidence, man 8273.
infection, epidemiology/transmission/control/prophylaxis/pathology, man, review 4466.
infection, eye, pathology/treatment, man 5192.
infection, immune response (cell-mediated), poly (I.C) effects on, leukaemia/lymphoma, man 5722.
infection, immune response (humoral) kinetics, man 3077.
infection, kidney transplantation, man 5892, 8198.
infection, pregnancy, association-microencephaly, neonates 1096.
infection, pregnancy, prognosis, man 1097.
infection, skin cytology, man 1844.
infection, treatment, interferon, man 1608.
infection, treatment, uridine (5-iodo 2′-deoxy), man 8332.
intrauterine infection, diagnosis/incidence/treatment, man, review 3731.
isolation-blood, during varicella incubation, man, case reports 8219.
maternal antibodies, incidence, neonates, man 8276.
perinatal infection, clinical aspects, man 3732.
pneumonia, association-Hodgkin's disease, case reports 2615.
pneumonia, during pregnancy, diagnosis/prognosis/treatment, case reports 5914.
pneumonia, man, case reports/review 7301.
proteins, characterization 4700.
role-autism, man 7317.
seroepidemiology, Jews, Israel 1139.
susceptibility, lung cells, mink 583.
vaccination, efficacy, leukaemia patients, children 2374.
vaccination, efficacy/safety, leukaemia, children 5665.
vaccination recommendations, man 7934.
vaccines, efficacy/safety, man 1655.
vaccines, safety, children 4984.

Variola,
case reports, man 2617.
control/epidemiology, man, review 5967.
epidemics/eradication, review 7346.
epidemiology, man 6676.
epidemiology/eradication, man, review 7347.
Variola minor,
case reports, man 2617.
epidemics, transmission, statistical analysis, man, Brazil 4468.
incidence, children, Brazil 5243.
Variola virus,
antiviral activity, methisazone 7197.
DNA restriction endonuclease fragments, electrophoresis, differentiation-cowpox virus/vaccinia virus/monkeypox virus 627.
identification, isoelectric focusing 663.
intrauterine infection, diagnosis/incidence/treatment, man, review 3731.
polypeptides, electrophoresis patterns, comparison-cowpox virus/monkeypox virus/vaccinia virus 5465.
seroepidemiology, Indians, Brazil 8277.
vaccines, induction-pyrexia, children 1656.
Vasculitis,
hepatitis B surface antigen circulating immune complexes detection, man 4328.
Venezuela,
foot-and-mouth disease virus vaccines, efficacy, cattle 2412.
rotavirus association-gastroenteritis, children 393.
Venezuelan equine encephalitis virus,
antiviral activity, poly (G.C)/poly (I.C) 3652.
infection, athymic nude mice/mice 536.
infection, case reports/clinical manifestations, man 8230.
infection, monkeys, poly (I.C.) + poly-L-lysine complex effects on 8406.
infection, monocytes, man 7540.
infection modification, radiation (X), mice 1255.
isolates, RNA, fingerprinting analysis 6212.
polypeptides, comparison-strains 5468.
role-diabetes mellitus, review 7320.
temperature-sensitive mutant, infection/establishment carriers, HeLa cells 6874.
temperature-sensitive mutant isolation 5574.
transmission, Culex portesi, French Guiana 6069.
vaccines, efficacy, horses, USA, Texas 3056.
vaccines, poly(I.C) derivatives adjuvants, Macaca mulatta 6503.
virulence, correlation-vascular clearance, Macaca mulatta 1256.
Ventricular aneurysm,
complications, coxsackievirus B1/coxsackievirus B4 myocarditis, mice 5332.

Ves-Phene,
antiviral activity, coxsackievirus B5 3649.
Vesicular exanthema of swine,
clinical manifestations/diagnosis/epidemiology, pigs, review 1967.
Vesicular exanthema virus,
antigenic relationship-calicivirus strains 1584.
RNA, replication/structure 2192.
RNA associated proteins, characterization 652.
susceptibility, disinfectants 5071.

Vesicular stomatitis.
clinical manifestations/diagnosis/epidemiology, pigs, review 1967.
mouth lesions, histopathology 6738.
Vesicular stomatitis virus.
antiviral activity, ammonium quaternary compounds/disinfectants 991.
antiviral activity, ammonium quaternary compounds 5063.
antiviral activity, cationic surfactants/cationogenic surfactants 999.
antiviral activity, pantomycin 7201.
Constantinea simplex/Farlowia mollis extracts antiviral activity 288.
cytopathic effects, role lysosomal enzymes 5417.
defective-interfering particles, RNA biosynthesis/RNA nucleotide sequence 780.
defective interfering particles, RNA polymerase products, RNA, nucleotide sequence 636.
defective interfering particles biosynthesis, inhibition, Shope fibroma virus, in vitro 4052.
DNA polymerase (RNA dependent), genetic regulation, role-membrane proteins 2904.
G protein, oligosaccharides, intermediates characterization 668.
G protein, oligosaccharides, intermediates α-D mannosidase activity 669.
G protein, oligosaccharides precursors, structure 667.
G protein/M-protein, localization, membranes 4721.
genomes RNA, structural protein/mRNA mapping 7596.
glycoproteins, biosynthesis/integration, microsomes membranes 6352.
glycoproteins, carbohydrates structure 62.
glycoproteins, glycosylation requirements/physicochemical properties 7012.
glycoproteins, reconstitution studies 7788.
glycoproteins assembly/biosynthesis, microsomes membranes 6351.
glycoproteins assembly/biosynthesis/processing 1510.
glycoproteins biosynthesis, temperature-sensitive mutant isolation 5576.
glycoproteins maturation, tunicamycin effects on 160.
glycoproteins projections, measurements, quasi elastic light scattering/resistive-pulse technique 2798.
host range temperature-sensitive mutant 2230.
host restricted mutant, complementation/host range/interference 6386.
host-restricted mutant, RNA biosynthesis, nonpermissive cells, man 6357.
immunoassays, adherence-immunoglobulins + Staphylococcus aureus labelling 3522.
induced cell fusion, BHK 21 cells, glycoproteins biosynthesis inhibitors effects on 7547.
infected BHK cells/HeLa cells, RNA biosynthesis 7011.
infected cells, glycoproteins biosynthesis 6354.
infected cells, lymphocytes T cytotoxicity, histocompatibility antigen H 2 restriction, target antigens identification, mice 2438.
infected cells, mRNA degradation, interferon, mechanism 1617.
infected HeLa cells, extracts, RNA biosynthesis, in vitro 7760.
infection, effects on RNA polymerase activity, myeloma cells, mice 7545.
infection, leucocytes (neutrophilic) effects on, cell culture 5738.
infection, resistance, cells, mice, transfer-interferon 6470.
infection, tumour cell lines, man, endogenous virus-like particles, vesicular stomatitis virus pseudotypes formation 1345.
infectivity/production, Ly cells, interferon effects on 7901.
L protein/NS protein rebinding 152.
leader RNA, nucleotide sequence 778, 1376.
membrane glycoproteins characterization 4705.
membranes, cholesterol content/interaction-phospholipids, use-cholesterol oxidase 6950.
membranes, cholesterol exchange-liposomes 671.
membranes, lipid structure 666.
membranes glycoproteins biosynthesis 4829.
membranes glycoproteins/secretory proteins, biosynthesis 4830.
nonstructural protein, characterization/role-replication 7010.
nucleocapsids deficient mutants, budding, role-protein M 3487.
oligonucleotides, assignment genes 4884.
oligosaccharides biosynthesis, CHO cells 7761.
penetration, hosts cells, mechanisms 2859.
persistent infection, BHK21 cells, mutation during 4885.
persistent infection, effects on tumourigenicity, tumour cell lines, athymic nude mice 5432.
persistent infection, L cells, mutants selection 10.
persistent infection, tumour cells, athymic nude mouse, immune response 8006.
phospholipid composition 670.
phosphoproteins precursors, characterization, L cells 5542.
protein biosynthesis, BHK cells, inhibition, frog virus 3 6356.
protein N mRNA, 3′-terminus nucleotide sequence 1509.
proteins, charge heterogeneity, comparison-influenza virus/Sendai virus 1398.
pseudotypes, neutralization, sera derived from avian sarcoma virus infected chickens 5739.
pseudotypes, use-bovine leukaemia virus antibodies neutralization 5610.
pseudotypes-Pichinde virus, characterization/formation, in vitro 2903.
radiation (u.v.) treated, inhibition-RNA biosynthesis, myeloma cells, mice 6358.
replication, cells growing-hydrogel membranes, relationship-cell density 2160.
replication, lymphocytes T, role-antibody response, infected mice 3088.
replication, Vero cells, Junin virus/Tacaribe virus persistent infection effects on 2768.
replication-lymphocytes T, characterization, immune response, infected mice 3087.
ribonucleoproteins complex, characterization 7763.
tRNA (peptidyl), isolation-infected HeLa cells 7764.
RNA, poly(A) sequences 1377.
RNA, 3′-terminus nucleotide sequence 7597.
RNA, transcription, regulation, matrix protein 4826.
mRNA, translation, role-guanosine (7-methyl) caps 4144.
RNA biosynthesis, inhibition, frog virus 3, mechanisms, BHK cells 779.
RNA biosynthesis, initiation in vitro, role-ATP 4828.
RNA biosynthesis/protein biosynthesis, cells, man/monkeys, interferon effects on 3563.
mRNA decay in vivo 4831.
mRNA methylation, inhibition, cycloleucine 4827.
RNA/nucleocapsids biosynthesis, defective-interfering particles replication effects on, hamsters kidney cells 3472.
RNA polymerase (RNA-dependent), inhibition, reversal, polyanions 153.
RNA polymerase (RNA-dependent), inhibition, envelopes proteins 7762.
RNA/mRNA, ribonuclease III cleavage sites 4683.

IRL©1979

Vesicular stomatitis virus,(continued)
serotypes, proteins, fragments, comparison, electrophoresis 6939.
stability, freezing, hydrocortisone effects on 5437.
structural protein, peptides, comparison-strains 7622.
temperature-sensitive mutant, cell fusion, neuroblastoma cell lines, mice 7546.
temperature-sensitive mutant, characterization/replication, in vitro 4051.
temperature-sensitive mutant, persistant infection, role-defective-interfering particles induction-interferon 5650.
temperature-sensitive mutant, persistent infection, pathology/symptoms, mice 6778.
temperature-sensitive mutant, persistent infection, immune response/pathology, mice 6779.
temperature-sensitive mutant, replication, neurons, mice, identification-maturation defects 7787.
temperature-sensitive mutant, rescue, radiation (u.v.) treated vesicular stomatitis virus 4188.
temperature-sensitive mutant, RNA biosynthesis 2212.
temperature-sensitive mutant, RNA polymerase (RNA-dependent) activity 6355.
temperature-sensitive mutant x wild types recombinants isolation, failure, mixed infection, cell lines 4187.
temperature sensitive mutants/central nervous system isolates, biological properties/experimental infection-mice 3429.
transcription, requirements, inhibition-hosts cells RNA biosynthesis, myeloma cells, mice 4751.
transcription defective temperature-sensitive mutant, genetic analysis 1540.
as-triazines derivatives antiviral activity 295.
tryptic peptides, comparison-strains 63.
uridine (5-cyano)/uridine (5-cyano-2′-deoxy) antiviral activity 296.
Vibrio,
agar digesting, phage typing, ecology, comparison-Vibrio parahaemolyticus 2239.
phages, incidence, crustaceans/molluscs/seawater/sediments 1886.
Vibrio cholerae,
antigenic characteristics, phages infection effects on 7831.
phage φ149 pathogenicity, absence-replication, mechanisms 6402.
phage typing 4890.
phages, characterization/isolation/physicochemical properties 3945.
toxins, radioactive labelling, Newcastle disease virus membranes 6952.
Vibrio parahaemolyticus,
phage typing, ecology, comparison-agar digesting Vibrio 2239.
phages, incidence, crustaceans/molluscs/seawater/sediments 1886.
Vicia faba,
Bean Yellow Mosaic Virus, transmission, Acyrthosiphon pisum, Coccinella californica predation effects on 6134.
infection, subterranean clover red leaf virus, incidence, subterranean clover red leaf virus/relationship-Aulacorthum solani levels, Vicia aba 8452.
Tasmania, subterranean clover red leaf virus infection pathology 3919.
Vienna,
hepatitis A virus/hepatitis B-core antigen/hepatitis B surface antigen antibodies incidence, blood donors 5996.
Vigna,
okra mosaic virus transmission, soil 8459.
protoplasts, alfalfa mosaic virus infection, requirements-alfalfa mosaic virus coat protein mRNA 1514.
Vigna mungo,
endonuclease, cleavage phage T7/phage gh-1/phage PM2 DNA 31.
Vigna radiata,
cucumber mosaic virus infection susceptibility, genetic analysis 8436.
USA, Missouri, cucumber mosaic virus infection, symptomatology/transmission-Aphis craccivora 1304.
Vigna sinensis,
crown gall induction-Agrobacterium tumefaciens inhibition, cowpea mosaic virus infection 4576.
leaves, clover yellow mosaic virus inclusions identification, immunofluorescence 557.
leaves, plasmolysis affected, tobacco necrosis virus induction-lesions 556.
southern bean mosaic virus infection, effects on nitrogen metabolism 7476.
Vigna unguiculata,
cucumber mosaic virus synergism-blackeye cowpea mosaic virus, aetiology-cowpea stunt 2042.
protoplasts, tobacco mosaic virus/tobacco necrosis virus infection, in vitro 6140.
resistant, cowpea chlorotic mottle virus physicochochemical properties/replication 6122.
RNA polymerase (RNA-dependent), relationship-tobacco necrosis virus RNA polymerase (RNA-dependent) 3480.
strains, characterization, southern bean mosaic virus resistant 6125.
strains, protoplasts, susceptibility-cowpea mosaic virus infection, in vitro 6184.
Virions,
capsomeres ultrastructure, electron microscopy, papilloma virus 7631.
DNA analysis, phage P1 6192.
morphogenesis, role-procapsids, foot-and-mouth disease virus 6368.
nuclear polyhedrosis virus, comparison-Autographa californica/Pseudoplusia includens/Trichoplusia ni isolates 6942.
Pseudaletia unipuncta granulosis virus strains, comparison 6241.
Viroids,
book 5397.
like low molecular weight RNA, occurrence, avocado sunblotch, Persea americana 6198.
replication/structure, review 2837.
role-diseases, man/animals/plants 6031.
Virucidal activity,
florenal, influenza A virus 1736.
ozone 5072.
Virulence,
alterations, Tacaribe virus, passage-mice 2009.
pseudorabies virus, differentiation-strains, physicochemical properties 1419.
Virus-like particles,
characterization/detection, Malpighian tubule, Panstrongylus megistus/Triatoma infestans 5351.
detection, Agaricus bisporus 6795.
detection, Dioscorea rotundata diseases 6811.
detection/physical properties, Avena sativa/Chrysanthemum frutescens/Holcus lanatus/Ranunculus repens/Secale cereale 5487.
detection/ultrastructure, Chinese hamsters lung cells 67.
presence, basal plate, placenta, Macaca mulatta/Papio 7252.
transduction, Proteus mirabilis 7041.

Viruses,
detection, surface water, methodology 7337.
eradication/persistence, requirements, review 5236.
incidence, Romania, Danube R. 7338.
infection, epidemiology/control, man, book 4598.
interaction liposomes, review 4736.
interaction/replication, hosts cells, models 4048.
intrauterine infection, pathology, man 8178.
Japanese encephalitis virus, Culex, Taiwan 2625.
jet drop enrichment 473.
preparation/purification, removal picornavirus, in vitro 3376.
removal, sewage 6008.
research, Germany, historical review 1318.
taxonomy, recommendations 6843.
waste disposal sites 7336.
Visna,
cerebrospinal fluid abnormalities, sheep 1951.
pathogenesis, role immune response, review 3902.
Visna virus,
antibodies, detection, complement fixation/immunodiffusion/immunofluorescence, goats/sheep 4990.
antigenic relationship oncornavirus (avian)/oncornavirus (bovine)/oncornavirus (equine)/Mason-Pfizer monkey virus/squirrel monkey virus 2965.
DNA biosynthesis/structure 4822.
DNA polymerase (RNA dependent) characterization 4823.
epidemiology, role transmission (vertical), sheep 8380.
induction cell fusion 6175.
induction cell fusion, comparison polyethylene glycol 6176.
infection, immune response, sheep 1716.
inhibitors, characterization/isolation, cerebrospinal fluid/serum, normal sheep 6529.
mapping (genetic)/RNA structure 826.
mutants, development/characterization, slow virus diseases, sheep 6733.
mutants isolation, antibodies treated cell culture 4628.
mutants/wild type, induction cell fusion 6877.
persistence, role-interferon resistance, sheep 3853.
proteins, precipitation, antibodies, serum, rabbits/sheep 3517.
replication, inhibition phosphonoformate, choroid plexus cells, sheep 7648.
mRNA, characterization 7007.
Visual evoked potentials,
latency, use-multiple sclerosis diagnosis, man 1184.
Visual evoked responses,
multiple sclerosis 462.
pattern reversal, multiple sclerosis 461.
Vitamin A,
induction-plasminogen activator biosynthesis, embryo fibroblasts, chickens, avian sarcoma virus transformation effects on 3675.
Vitamin B12,
levels, hepatitis (acute), children 3204.
Vitamin C,
administration, eye, treatment-herpes simplex virus keratitis, man, animal models, rabbits 1935.
Vitis,
grape leaf-fan virus/grape leaf roll virus/grape yellow mosaic disease virus infection 8455.
grapevine leafroll virus detection, stains 6797.
grapevine leafroll virus infection, effects on quality/yield 7475.
peach rosette mosaic virus detection, comparison-Chenopodium quinoa/enzme-linked immunosorbent assay 6798.
Vitis vinifera,
raspberry ringspot virus identification/characterization 2073.
Von Magnus particles,
influenza virus, RNA, origin 4001.
Vulpes,
elimination/vaccination, rabies control 8390.
role-rabies transmission, Europe 3874.
Vulpes vulpes,
rabies virus vaccination 7962.
role-rabies epidemiology, Europe 8383.
Vulva,
man, herpes simplex virus 1 infection, case report 373.
warts, concurrent cervix tumours, Hodgkin's disease complications, man, case reports 3141.
Vulvovaginitis,
viruses aetiology, children 6623.

Wallal virus,
recombination-Mudjinbarry virus 1537.
resistance, pH/ether/chloroform 43.
Warrego virus,
resistance, pH/ether/chloroform 43.
Warts,
association-Wiskott-Aldrich syndrome, case reports 8145.
classification/immune response/prognosis, man, review 8146.
diagnosis/electron microscopy, man 2511.
diagnosis/treatment, man, review 7257.
efflorescence, relationship-regression, case reports, man 1050.
histology/transformation-malignancy, man, review 1052.
horses, review 1749.
keratohyalin formation/ultrastructure, man/rats, comparative studies 1049.
lesions, mouth, detection-viruses, man 5159.
man, papilloma virus (human) antibodies incidence 5026.
man, papilloma virus (human) 1 DNA replication localization 6977.
papovavirus antigens, comparison-larynx tumours, man 2283.
regression, ultrastructure, man 1808.
treatment 3143.
treatment, azathioprine + prednisone, kidney transplantation, man 1051.
treatment, bleomycin 1809.
treatment, chemotherapy/cryotherapy, man 7258.
treatment, 1-chloro--2,4-dinitrobenzene, hypersensitivity induction, man 5845.
treatment, cryotherapy, man 3144.
treatment, 2,4-dinitrochlorobenzene 2510.
treatment, Duofilm applications, man 3142.
treatment, levamisole, man 4388.
vulva, concurrent cervix tumours, Hodgkin's disease complications, man, case reports 3141.
Washingtonia robusta,
virus-like particles infection, symptoms, USA, California 3927.
Waste disposal,
landfills leachates, enterovirus isolation 2620.
Wastewater,
effluents, poliovirus elution, efficiency, beef extracts 3832.
phage MS2 retention, soil 6009.
poliovirus contamination 5249.
poliovirus photoinactivation, efficacy/methodology 5284.
sludge, detergents identification, modification-enterovirus/poliovirus/reovirus temperature stability 5282.
sludge, enterovirus/poliovirus/reovirus heat inactivation 5283.
soil filtration, removal-poliovirus 1 1926.
treatment, effects on poliovirus 4508.

IRL©1979

Wastewater.(continued)
viruses, pollution 3218.
viruses, public health risks 5244.
viruses detection 3783.
viruses detection, methodology 8270.
viruses isolation, plaque assay methodology 2760.
Wastewater treatment,
filtration, viruses 1952.
Water,
chlorine treated, chlorine resistant indicator organisms, use viruses detection 5228.
detection-poliovirus, filters adsorption-elution 7520.
enterovirus (porcine)/adenovirus (porcine)/coronavirus isolation 1980.
enterovirus concentration, adsorption, methodology 4507.
enterovirus detection/pollution 3225.
enterovirus/phages removal, sand filtration 6011.
enterovirus survival 3224.
indicator organisms levels, relationship-viruses levels, review 5234.
phage PM2/phage T2 inactivation, radiation (u.v.) 7375.
phages/viruses ecology 3219.
poliovirus 1 recovery, methodology 6859.
poliovirus 1 removal, sand filtration 6013.
pollution, poliovirus indicator organisms 5970.
viruses concentration, use-polyethylene glycol 6857.
viruses contamination 2618.
viruses contamination/removal 5226.
viruses detection, book 5399.
viruses detection, use-indicator organisms, review 5232.
viruses survival, review 5233.
Water pollution,
faeces, detection, phages 5227.
Water supplies,
adenovirus/enterovirus detection, methodology 2622.
enterovirus detection 1894.
phage T1/poliovirus recovery, adsorption-filters, pH/salts effects on 3260.
transmission-hepatitis, man, hypothesis 8309.
transmission-viruses, man 5224.
Watermelon mosaic virus,
biological properties/structure, review 2849.
cryopreservation, methodology 6158.
incidence, Cucurbitaceae, Iran 3354.
incidence/pathology, Cucurbita, Australia, Queensland 5389.
infection, effects on Cucurbita pepo yield 1299.
strains, antigenic relationship-papaya ringspot virus/soybean mosaic virus 5633.
synergism-Sphaerotheca fuliginea, infection, Cucurbitacae 6127.
transmission, Myzus persicae, Cucurbita pepo, mulches effcts on 8461.
Watermelon mosaic virus 1,
epidemiology/incidence, Cucumis melo/Cucurbita maxima/Cucurbita pepo/weeds, USA, Massachusetts 2051.
Watermelon mosaic virus 2,
epidemiology/incidence, Cucumis melo/Cucurbita maxima/Cucurbita pepo/weeds, USA, Massachusetts 2051.
infection, characterization/transmission, Cucurbita pepo, Iraq 7481.
transmission, Anuraphis middletonii, Cucurbita pepo 562.
transmission, Aphididae, USA, Florida 3361.
Weeds,
Solanum crops, tobacco rattle virus/potato virus X detection 2026.
USA, Massachusetts, viruses epidemiology/incidence 2051.
Wescodyne,
antiviral activity, coxsackievirus B5 3649.
Wesselsbron disease,
natural/experimental, pathology/clinical manifestations, neonates, sheep 488.
West Nile fever,
complications, anterior myelitis, man, case reports 7309.
West Nile virus,
adsorption, effects on membranes microviscosity, in vitro 3439.
detection, haemagglutination (indirect), blood, birds, USSR 4218.
epidemiology, France 8286.
immune complexes antibodies, infection, Aedes aegypti cells, effects on viruses yield/use viruses assays 5606.
RNA, translation in vitro, products identification 7741.
RNA biosynthesis, BHK 21 cells/Aedes albopictus cells 1490.
seroepidemiology, mammals, Tunisia 1225.
seroepidemiology, man, France 4477.
seroepidemiology, man/animals, Italy 5974.
Western equine encephalitis virus,
combined vaccines eastern equine encephalitis virus, man, USA, Florida 225.
ecology/isolation Culiseta melanura, USA, Pennsylvania 8379.
epidemiology, correlation Culex tarsalis populations, USA, California 8296.
epidemiology, man/horses, USA, Iowa 8290.
infection, inhibition-DNA biosynthesis, BHK cells 4749.
myocarditis, clinical manifestations/pathology/electrocardiogram studies, mice 537.
photoinactivation, chlorpromazine 4669.
RNA, photoinactivation, psoralen derivatives 175.
RNA biosynthesis, embryo cells, chickens, cycloheximide effects on 2895.
strains, antigenic characteristics/plaques formation, Vero cells, passage-Culex tarsalis/Culiseta melanura effects on 4553.
temperature-sensitive mutant, genetic analysis, persistent infection, Aedes albopictus cell lines 3963.
Wheat germ,
agglutinins, conjugate-ferritin, binding mammary tumour virus strains, tumour cells, mice 4381.
Wheat mosaic virus,
transmission, fungi 8458.
Wheat rosette stunt disease virus,
classification/physicochemical properties 7508.
Wheat soilborne mosaic virus,
susceptibility, Triticum aestivum, environmental conditions/genotypes effects on 3917.
Wheat streak mosaic virus,
resistance, chromosomes requirements, Zea mays 2747.
resistance, evaluation, Triticum aestivum 6126.
Wheat striate mosaic virus,
infected Triticum aestivum callus cells, ultrastructure, in vitro 7556.
Wheezing,
association-influenza virus/parainfluenza virus/respiratory syncytial virus infection, children 2594.
Whey,
constituents, foot-and-mouth disease virus transmission risks 506.
White clover mosaic virus,
infection, distribution/incidence/symptoms/transmission, Trifolium pratense, British Isles 8453.

Whitepox,
inclusion bodies, diagnosis 2536.
Whitepox virus,
identification, isoelectric focusing 663.
isolation, monkeypox virus infected hamsters 2001.
Whitlow,
herpes simplex virus 1/herpes simplex virus 2 aetiology, man, case reports 6625.
recurrent, finger, herpes simplex virus 2 aetiology, case reports 1846.
Wild potato mosaic virus,
characterization/isolation, Solanum chancavense, Peru 7504.
Wildlife,
Botswana, bluetongue virus seroepidemiology 6066.
Europe, rabies virus antibodies incidence 5318.
Wiseana,
nuclear polyhedrosis virus, transmission, role birds 3909.
Wiskott-Aldrich syndrome,
association warts, case reports 8145.
Woolly monkey virus,
RNA, mapping, location non homologous sequence 4000.
Wound tumour virus,
neutralization assays, vectors cell culture 1579.
Wounds,
management, rabies, man 2666.

X-ray crystallography,
tomato bushy stunt virus proteins/RNA 2132.
X-ray diffraction,
phage T2 DNA, lithium salt/magnesium salt, structure 609.
polyoma virus capsids/virions, structure 5478.
X-ray scattering,
phage φ29 structure 4713.
X-14 virus,
antibodies, association abortion/foetuses death, man 2548.
isoelectric focusing 71.
XC cells,
plaques formation, murine leukaemia virus, inhibition-antibodies 3964.
Xenografts,
papilloma virus (rabbit) infected rabbits skin-athymic nude mouse, transformation 5086.
Xenopus,
oocytes, SV40 DNA transcription 6981.
Xenopus laevis,
cell lines, frog virus 3 replication, ultrastructure 7536.
oocytes, Abelson leukaemia virus RNA translation 1505.
Xeroderma pigmentosum,
leucocytes, Epstein Barr virus transformation 1010.

Yaba pox virus,
infection, antibody response, chickens 3889.
transmission risks, laboratory animals 8382.
Yeasts,
extracts, antiviral activity 6553.
tRNA genes, cloning, phage λ 4166.
Yellow fever,
diagnosis, electron microscopy/immunofluorescence 3721.
epidemiology, man, role-monkeys 8386.
geographical distribution 423.
outbreaks, epidemiology/transmission, Aedes furcifer-taylori, Senegal 8298.
outbreaks, man, USA, Tennessee, review 5978.
poliomyelitis/smallpox/yellow fever transmission, man 6667.
surveillance/diagnosis, equipment 1140.
Yellow fever virus,
concentration, polyethylene glycol 3951.
encephalitis, brain lesions, relationship-mental performance, mice 8408.
immune complexes-antibodies, infection, Aedes aegypti cells, effects on viruses yield/use-viruses assays 5606.
infection, Aedes aegypti 3951.
infection, laboratory animals, monkeys 8364.
isolation/transmission, Aedes, Senegal 3790.
long-term infection, cell culture derived from brain, mice 1338.
propagation, Aedes, methodology 6113.
transmission, Aedes furcifer taylori, Gambia 7355.
transmission, Aedes neoafricanus, Senegal 5977.
transmission (transovarial), Aedes aegypti 5979.
transmission risks, laboratory animals 8382.
vaccination, leucocytes (mononuclear) subpopulations, DNA biosynthesis, man 3009.
vaccination, pregnancy, man 914.
vaccination, recommendations, travel, man 220.
vaccination, recommendations, travellers 4287.
Yellow mosaic virus,
disease resistance, Phaseolus, interspecific hybridization 5367.
resistance, Phaseolus sublobatus 6123.
Yersinia enterocolitica,
phages, physicochemical properties/specificity/use-phage typing 6945.
Yucaipa virus,
replication, ultrastructure, Vero cells 2850.
Yucca flaccida,
cucumber mosaic virus characterization/isolation 4581.
Yugoslavia,
Heliothis armigera biological control, nuclear polyhedrosis virus 2023.
rabies control/prophylaxis, man/animals 5285.

Zaire,
Ebola virus antibodies incidence, man 3809.
Ebola virus haemorrhagic fever, outbreaks/epidemiology/pathology/clinical manifestations/ecology, man 1146.
Ebola virus haemorrhagic fever control/surveillance, man 3814.
Ebola virus haemorrhagic fever epidemics, man 434.
Ebola virus haemorrhagic fever epidemics/epidemiology, man 3799.
Ebola virus haemorrhagic fever epidemiology, man, role-insects/mammals 3807.
Ebola virus haemorrhagic fever outbreaks, control, man 3805.
Ebola virus seroepidemiology, man 8303.
viruses haemorrhagic fever outbreaks, committees establishment/activities 1136.
Zambia,
rabies epidemiology/incidence, animals 5316.
viruses antibodies incidence, man 1132.
Zea mays,
barley stripe mosaic virus/brome mosaic virus/maize dwarf mosaic virus/wheat streak mosaic virus resistance, chromosomes requirements 2747.
cell walls, interaction-tobacco rattle virus uncoating 7652.
diseases, USA, indexes 1308.
maize chlorotic dwarf virus/maize dwarf mosaic virus

IRL©1979

Zea mays,(continued)
diagnosis, enzyme-linked immunosorbent assay 3333.
maize dwarf mosaic virus infection susceptibility, age effects on 4577.
maize streak virus infection, effects on yield 3345.
rayado fino virus purification 2081.
resistance breeding, maize dwarf mosaic virus/maize chlorotic dwarf virus control 551.
ultrastructure, maize rough dwarf virus infection, detection-vacuoles/corn 5382.
USA, Pennsylvania, maize dwarf mosaic virus/maize chlorotic dwarf virus incidence 3356.
Zinc,
antiviral activity, chlorides effects on 5082.
deficiency symptoms, pigs, transmissible gastroenteritis virus infection effects on 2730.
effects on DNA polymerase activity, avian myeloblastosis virus 3468.
inhibition vaccinia virus early RNA biosynthesis in vitro 2191.
parenteral/topical application, efficacy, treatment-herpes genitalis, mice 8397.
transport/metabolism, Escherichia coli, phage T4 infection effects on 88.
Zinc acetate,
treatment pyoderma gangrenosum, herpes simplex virus 2 aetiology 8201.
Zinc sulphate,
treatment-herpes genitalis, man 7383.
Zoological gardens,
British Isles, hepatitis B carriers, chimpanzees 523.
British Isles, rotavirus infection, apes 1981.

Virology
Abstracts

3 8198 313 887 034
THE UNIVERSITY OF ILLINOIS AT CHICAGO

THIS BOOK IS FOR USE
ONLY IN THE LIBRARY
IT DOES NOT CIRCULATE

BOUND BY
HNM